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Department of Defense

# PRIME CONTRACT AWARDS

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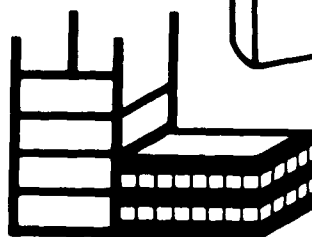
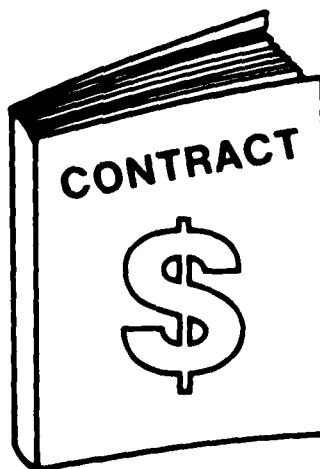
## SERVICE CATEGORY

and

## FEDERAL SUPPLY CLASSIFICATION

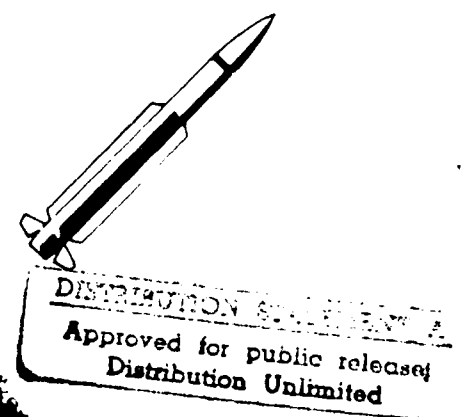
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## **FOREWORD**

This report is published annually. It presents data on Department of Defense (DoD) prime contract awards by service category and Federal Supply Classification code for fiscal years 1985 through 1988. Data include statistics on both military functions of the DoD and civil functions of the Army Corps of Engineers.

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## INTRODUCTION

This report presents summary data on Department of Defense (DoD) prime contract awards over \$25,000 by Service Category and Federal Supply Classification (FSC) for Fiscal Years (FY) 1988, 1987, 1986, and 1985.

Data are presented in three tables:

Table A - This table covers awards for research, development, test, and evaluation (RDT&E) services. Data are displayed according to DoD procurement program categories.

Table B - Data on awards for other services and construction are provided in Table B, arrayed according to Federal Procurement Data System codes and descriptions. This structure, which covers all non-RDT&E services, is composed of 20 groups and over 800 individual classes. Some of the groups which are shown on Table B include Construction of Structures and Facilities, Operation of Government-Owned Facility, Lease or Rental of Equipment, and Utilities & Housekeeping Services. This system, now employed as a federal requirement, was originally developed for the purpose of reporting the procurement of services other than RDT&E.

Table C - Table C contains data on awards for supplies and equipment, presented according to the appropriate Federal Supply Classification (FSC) code and description. This structure is composed of 78 groups and approximately 630 individual classes. This system was developed primarily for supply management of items known to be in the supply system of the Federal government. Definitions of the classes appear in the *Cataloging Handbook, Federal Supply Classification, Part I, "Groups and Classes," H2-1*, which may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

While there are many similarities between the FSC codes used in this publication and the Standard Industrial Product Codes (SIC) used by the Census Bureau of the Department of Commerce, the exact points of agreement and disagreement have not been ascertained. In many Census reports, SIC data are based on the primary product of an establishment rather than on the individual products it produces. In addition to code content differences, data from this report and certain Census Bureau reports do not agree as far as the time period covered or the point in time when data are reported. This report provides fiscal year data on contract awards (regardless of the date on which the product is to be delivered). Census Bureau reports contain calendar year figures measuring annual shipment or production, which may take place several years after contract award.

## DATA CHARACTERISTICS

The data presented in this report have the following characteristics:

1. Data cover only prime contracts (those awarded directly by the Department of Defense). The large number of subcontracts awarded for basic and intermediate materials and components are not reflected in this report. As an example, most of the steel plating for ships is purchased by defense prime contractors. Only a small portion is purchased directly by DoD (see code 9515). Similarly, a large dollar amount of electronic equipment is purchased by defense contractors who have received prime contracts for missiles and other weapons systems.
2. Detailed information on procurement actions of \$25,000 or less are not included in this report. However, in each of the Fiscal Years 1985 through 1988, from \$13 billion to more than \$14 billion were spent on these small transactions. This report's exclusion of these procurements therefore understates the purchase of commercial type items and services and may overemphasize military hard good items, which are normally purchased in large dollar amounts. Due to this exclusion, as an example, subsistence purchases (FSC Group 89) may be extremely understated. However, information about the makeup of these small purchases does not permit the identification of all categories and commodities and services which are similarly understated.

3. For security reasons, some contracts have been reported with a classification other than the one describing the item purchased. Therefore, data for a number of the Federal Supply Classes presented may be incomplete.
4. Data categorizing contract awards by Service Category and Federal Supply Classification include awards to all types of contractors. In this respect, the coverage differs from other reports published by WHS/DIOR which provide this type of information only on awards to business firms in the United States.
5. Dollar amounts and percentages in Table 1 through Table 6 are computed in thousands of dollars even though they are shown in millions and may not add up due to rounding.

## HIGHLIGHTS

### Total Procurement

Prime contract awards in FY 1988 totaled \$151,353 million. This is \$5,155 million, or 3.3 percent, less than FY 1987. As shown or tabulated from these data in Table 1 (page 3), awards to business firms decreased by \$4,525 million, or 3.3 percent; awards to educational and nonprofit institutions decreased by \$26 million or 0.7 percent; Intragovernmental/Foreign Military Sales (FMS) awards increased by \$110 million or 1.2 percent; and awards for work outside the United States decreased by \$714 million or 8.1 percent.

Table 2 (page 3) shows actions over \$25,000 in FY 1988 totaled \$137,049 million. This is a decrease of \$5,433 million or 3.8 percent less than FY 1987.

### Type of Effort

Table 3 (page 4) provides data by the type of effort categories for awards over \$25,000. As shown in this table, FY 1988 contract awards for supplies and equipment accounted for 57.3 percent of the total awarded, 26.3 percent for other services and construction, and the remaining 16.4 percent was spent on RDT&E work.

### Awards for Research, Development, Test, and Evaluation (RDT&E) Category

Table 4 (page 4) shows FY 1988 and 1987 RDT&E comparisons by selected subprograms within the DoD claimant programs. The claimant program which had the largest dollar increase for FY 1988 was Aircraft; the increase in this category was \$1,494 million or 42.0 percent. Within the RDT&E category during FY 1988, (see page 10) research decreased by \$286 million or 16.5 percent; exploratory development increased by \$99 million or 6.5 percent; other development increased by \$974 million or 5.4 percent; while management and support decreased by \$54 million or 9.1 percent. In FY 1988 RDT&E was distributed as follows: research accounted for 6.4 percent; exploratory development accounted for 7.2 percent; other development accounted for 84.0 percent; and management and support accounted for 2.4 percent.

### Other Service and Construction Category

Table 5 (page 5) shows the ten service groups with the most significant dollar changes from FY 1987 to FY 1988. The group which had the greatest dollar increase for FY 1988 was Professional, Technical, & Management Services; the increase in this group was \$444 million or 5.6 percent.

### Federal Supply Classification (FSC) Category

A comparison of the ten FSC groups with the greatest amount of change (see Table 6, page 5) shows that from FY 1987 to FY 1988, group 58 (Communication Equipment) had the most significant dollar decrease; \$3,116 million or 28.6 percent. Group 19 (Ships, Small Craft, Pontoons & Floating Docks) had the largest increase in FY 1988 over FY 1987; it increased \$2,893 million or 52.3 percent.

**TABLE 1**

(Dollars in Millions)

Type of Contractor	FISCAL YEAR			
	1988	1987	1986	1985
TOTAL AWARDS	\$ 151,353	\$ 156,508	\$ 158,829	\$ 163,725
Business Firms for Work in the United States	130,815	135,340	136,497	139,587
Educational and Nonprofit Institutions	3,469	3,495	3,368	3,129
Intragovernmental/FMS	8,919	8,809	9,884	12,399
Work Outside the United States	8,149	8,863	9,081	8,611
Percent of Total				
TOTAL AWARDS	100.0	100.0	100.0	100.0
Business Firms for Work in the United States	86.4	86.5	85.9	85.3
Educational and Nonprofit Institutions	2.3	2.2	2.1	1.9
Intragovernmental/FMS	5.9	5.6	6.2	7.6
Work Outside the United States	5.4	5.7	5.7	5.3

**TABLE 2**

(Dollars in Millions)

Type of Action	FISCAL YEAR			
	1988	1987	1986	1985
TOTAL AWARDS	\$ 151,353	\$ 156,508	\$ 158,829	\$ 163,725
Actions Over \$25,000	137,049	142,482	145,742	150,674
Actions of \$25,000 or less	14,303	14,025	13,087	13,051
Percent of Total				
TOTAL AWARDS	100.0	100.0	100.0	100.0
Actions Over \$25,000	90.5	91.0	91.8	92.0
Actions of \$25,000 or less	9.5	9.0	8.2	8.0

**TABLE 3**

(Dollars in Millions)

Type of Effort	FISCAL YEAR			
	1988	1987	1986	1985
TOTAL AWARDS (Over \$25,000)	\$ 137,049	\$ 142,482	\$ 145,742	\$ 150,674
RDT&E	22,543	21,809	19,812	18,938
Other Services and Construction	35,982	38,058	34,488	34,433
Supplies and Equipment	78,525	82,615	91,442	97,303
	Percent of Total			
TOTAL AWARDS (Over \$25,000)	100.0	100.0	100.0	100.0
RDT&E	16.4	15.3	13.6	12.6
Other Services and Construction	26.3	26.7	23.7	22.9
Supplies and Equipment	57.3	58.0	62.7	64.6

**TABLE 4**

(Dollars in Millions)

RDT&E by Claimant Program	FISCAL YEAR		CHANGE	
	1988	1987	Amount	Percent
RDT&E by Program - Total	\$ 22,543	\$ 21,809	\$ 733	3.4
Aircraft	5,055	3,561	1,494	42.0
Missiles & Space Systems	7,800	7,943	143-	1.8-
Ships	524	482	42	8.7
Tanks & Automotive	198	222	24-	10.8-
Weapons	513	588	76-	12.9-
Ammunition	479	510	31-	6.1-
Electronics and Communications Equipment	3,854	4,637	784-	16.9-
Services	3,465	3,234	231	7.1
All Other	655	632	24	3.8



**TABLE 5**

(Dollars in Millions)

C O D E	Service Categories	FISCAL YEAR		CHANGE	
		1988	1987	Amount	Percent
Z	Maintenance, Repair or Alteration of Real Property	\$ 3,445	\$ 4,348	\$ 903-	20.8-
N	Installation of Equipment	256	740	484-	65.4-
R	Professional, Technical & Management Services	8,334	7,890	444	5.6
M	Operation of Government Owned Facility	3,036	3,438	402-	11.7-
Y	Construction of Structures & Facilities	5,741	6,134	393-	6.4-
J	Maintenance, Repair & Rebuilding of Equipment	5,081	5,433	352-	6.5-
L	Technical Representative Services	613	787	174-	22.2-
W	Lease or Rental of Equipment	515	682	168-	24.6-
G	Social Services	135	14	121	854.4
Q	Medical Service	250	134	116	87.0

**TABLE 6**

(Dollars in Millions)

C O D E	FSC Groups	FISCAL YEAR		CHANGE	
		1988	1987	Amount	Percent
58	Communication Equipment	\$ 7,790	\$ 10,906	\$ 3,116-	28.6-
19	Ships, Small Craft, Pontoons & Floating Docks	8,424	5,531	2,893	52.3
15	Aircraft & Airframe Structural Components	11,078	13,420	2,342-	17.4-
99	Miscellaneous	2,931	596	2,335	391.9
28	Engines, Turbines, and Components	5,009	6,016	1,007-	16.7-
70	General Purpose ADPE, Software & Supplies	2,360	3,022	662-	21.9-
12	Fire Control Equipment	1,223	1,823	599-	32.9-
44	Furnace, Steam Plant, Drying Equipment, and Nuclear Reactors	1,491	957	534	55.8
14	Guided Missiles	9,109	9,628	519-	5.4-
13	Ammunition and Explosives	2,972	3,374	402-	11.9-

## **TABLE A**

Net Value of  
Prime Contract Awards Over \$25,000  
for Research, Development, Test, and  
Evaluation, by Procurement Program:  
FY 1988, 1987, 1986, and 1985

# TABLE A. Research, Development, Test and Evaluation

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1988	1987	1986	1985
<b>AIRFRAME AND RELATED ASSEMBLIES AND SPARES</b>				
Research	119,992	396,190	525,037	94,018
Exploratory Development	50,944	30,997	33,622	34,207
Other Development	3,751,588	2,315,880	1,622,888	1,327,321
Management and Support	5,677	4,856	3,737	2,790
<b>TOTAL</b>	<b>3,928,201</b>	<b>2,747,923</b>	<b>2,185,284</b>	<b>1,458,336</b>
<b>AIRCRAFT ENGINES AND RELATED SPARES AND SPARE PARTS</b>				
Research	9,826	32,239	57,805	19,368
Exploratory Development	25,604	26,419	33,103	41,049
Other Development	759,162	513,556	520,563	446,254
Management and Support	3,062	2,022	4,993	1,115
<b>TOTAL</b>	<b>797,654</b>	<b>574,236</b>	<b>616,464</b>	<b>507,786</b>
<b>OTHER AIRCRAFT EQUIPMENT AND SUPPLIES</b>				
Research	8,764	8,177	7,841	16,366
Exploratory Development	48,707	45,234	39,770	64,102
Other Development	266,278	178,019	305,405	251,719
Management and Support	5,510	7,405	5,231	5,467
<b>TOTAL</b>	<b>329,259</b>	<b>238,835</b>	<b>358,247</b>	<b>337,654</b>
<b>TOTAL, AIRCRAFT</b>				
Research	138,582	436,606	590,683	129,752
Exploratory Development	125,255	102,650	106,495	139,358
Other Development	4,777,028	3,007,455	2,448,856	2,025,294
Management and Support	14,249	14,283	13,961	9,372
<b>TOTAL</b>	<b>5,055,114</b>	<b>3,560,994</b>	<b>3,159,995</b>	<b>2,303,776</b>
<b>MISSILE AND SPACE SYSTEMS</b>				
Research	106,416	63,906	21,740	23,144
Exploratory Development	340,228	356,430	325,013	385,133
Other Development	7,218,380	7,400,823	6,401,164	6,583,355
Management and Support	134,815	121,511	124,641	127,338
<b>TOTAL</b>	<b>7,799,839</b>	<b>7,942,670</b>	<b>6,872,558</b>	<b>7,118,970</b>
<b>SHIPS</b>				
Research	1,527	1,908	1,488	1,015
Exploratory Development	117,280	8,379	6,543	95,804
Other Development	402,774	468,784	611,507	582,109
Management and Support	2,216	2,846	6,222	1,181
<b>TOTAL</b>	<b>523,797</b>	<b>481,917</b>	<b>625,760</b>	<b>680,109</b>
<b>TANK-AUTOMOTIVE</b>				
Research	7,882	3,789	3,495	4,165
Exploratory Development	14,363	38,584	17,995	23,182
Other Development	176,064	180,660	158,523	113,796
Management and Support	0	765-	96	1,008
<b>TOTAL</b>	<b>198,309</b>	<b>222,268</b>	<b>180,109</b>	<b>142,151</b>
<b>WEAPONS</b>				
Research	10,926	6,598	8,242	6,223
Exploratory Development	76,755	60,110	103,714	111,587
Other Development	420,651	497,689	457,780	444,048
Management and Support	4,374	24,072	164,051	63,918
<b>TOTAL</b>	<b>512,706</b>	<b>588,469</b>	<b>733,787</b>	<b>625,776</b>

# TABLE A. Research, Development, Test and Evaluation

(Concluded)

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1988	1987	1986	1985
AMMUNITION				
Research	58,515	39,192	19,733	21,800
Exploratory Development	41,363	39,475	23,530	31,791
Other Development	375,702	428,114	351,812	286,961
Management and Support	2,991	2,832	2,018	5,915
TOTAL	478,571	509,613	397,093	346,467
ELECTRONICS AND COMMUNICATION EQUIPMENT				
Research	136,824	161,892	121,592	125,704
Exploratory Development	251,221	279,653	325,315	393,738
Other Development	3,417,194	4,116,939	3,982,641	4,083,422
Management and Support	48,573	78,926	85,895	114,998
TOTAL	3,853,812	4,637,410	4,515,443	4,717,862
SERVICES				
Research	899,680	956,548	861,049	806,687
Exploratory Development	574,420	541,523	473,752	440,637
Other Development	1,707,757	1,420,590	1,164,359	1,013,089
Management and Support	283,029	315,561	360,719	305,030
TOTAL	3,464,886	3,234,222	2,859,879	2,565,443
ALL OTHER				
Research	83,635	59,358	35,944	23,207
Exploratory Development	82,121	97,199	112,006	95,059
Other Development	441,874	442,520	293,040	300,096
Management and Support	47,862	32,429	25,919	19,526
TOTAL	655,492	631,506	466,909	437,888
TOTAL RDT&E				
Research	1,443,987	1,729,797	1,663,966	1,141,697
Exploratory Development	1,623,006	1,524,003	1,494,363	1,716,289
Other Development	18,937,424	17,963,574	15,869,682	15,432,170
Management and Support	538,109	591,695	783,522	648,286
TOTAL	22,542,526	21,809,069	19,811,533	18,938,442

## **TABLE B**

Net Value of  
Prime Contract Awards Over \$25,000  
for Other Services and Construction,  
by Service Code and Description:  
FY 1988, 1987, 1986, and 1985

# TABLE B1. Summary of Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
E	PURCHASES OF STRUCTURES AND FACILITIES	586	91,034	57	564
F	NATURAL RESOURCES MANAGEMENT	34,422	44,776	37,999	25,952
G	SOCIAL SERVICES	135,060	14,152	34,932	56,686
H	QUALITY CONTROL, TESTING & INSPECTION SERVICE	486,691	451,083	595,954	291,985
J	MAINTENANCE, REPAIR & REBUILDING OF EQUIPMENT	5,081,413	5,433,395	4,617,330	5,241,341
K	MODIFICATION OF EQUIPMENT	1,639,415	1,610,223	1,935,709	2,400,841
L	TECHNICAL REPRESENTATIVE SERVICES	612,542	787,020	740,951	698,107
M	OPERATION OF GOVERNMENT OWNED FACILITY	3,035,740	3,437,609	2,976,107	3,057,293
N	INSTALLATION OF EQUIPMENT	255,692	739,551	342,591	250,529
P	SALVAGE SERVICE	98,004	101,829	89,197	75,786
Q	MEDICAL SERVICE	250,176	133,806	154,871	171,363
R	PROFESSIONAL, TECHNICAL & MANAGEMENT SERVICES	8,333,941	7,890,118	6,862,070	6,111,851
S	UTILITIES & HOUSEKEEPING SERVICES	3,365,606	3,263,857	3,474,784	3,081,803
T	PHOTOGRAPHIC, MAPPING, PRINTING & PUBLICATION SVC	135,238	161,960	145,723	168,567
U	TRAINING SERVICES	758,884	660,890	664,270	445,014
V	TRANSPORTATION & TRAVEL	1,938,998	1,970,165	1,644,279	1,555,303
W	LEASE OR RENTAL OF EQUIPMENT	514,619	682,389	870,224	868,496
X	LEASE OR RENTAL OF FACILITIES	118,309	101,785	124,724	114,024
Y	CONSTRUCTION OF STRUCTURES & FACILITIES	5,741,118	6,134,064	5,741,272	5,728,811
Z	MAINTENANCE, REPAIR OR ALTERATION OF REAL PROPERTY	3,445,308	4,348,108	3,435,216	4,088,850
T O T A L      OTHER SERVICES AND CONSTRUCTION		35,981,762	38,057,814	34,488,260	34,433,166

# TABLE B2. Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
<b>E</b>	<b>PURCHASES OF STRUCTURES AND FACILITIES</b>				
E126	PURCHASES OF STRUC. & FAC/MSL SYS FAC	535	0	0	0
E151	PURCHASES OF STRUCTURES & FAC/AMMUNITION	0	91,034	0	0
E199	OTHER MISCELLANEOUS BUILDINGS	0	0	57	564
E299	PURCHASES OF STRUCTURES & FAC/OTHER NON-B	51	0	0	0
TOTAL	PURCHASES OF STRUCTURES AND FACILITIES	586	91,034	57	564
<b>F</b>	<b>NATURAL RESOURCES MANAGEMENT</b>				
F001	AERIAL FERTILIZATION - SPRAYING	179	399	689	492
F003	FOREST-RANGE FIRE SUPPRESSION	840	715	1,565	736
F004	FOREST-RANGE FIRE REHABILITATION NON-CONST	0	0	0	58
F005	FOREST TREE PLANTING	130	135	104	241
F006	LAND TREATMENT PRACTICES - PLOWING ETC	505	397	837	564
F007	RANGE SEEDING - GROUND EQUIPMENT	158	27	0	64
F008	RECREATION SITE MAINTENANCE/NON-CONST	32	62	2,368	3,722
F009	SEED COLLECTION-PRODUCTION	717	0	0	0
F010	SEEDLING PRODUCTION-TRANSPANTING	0	180	143	60
F014	TREE THINNING	148	171	68	274
F015	WELL DRILLING - EXPLORATORY	1,356	70	390	223
F016	WILDHORSE-BURRO MANAGEMENT	0	0	0	105
F018	OTHER RANGE-FOREST IMPROVEMENT/NON-CONST	139	0	0	0
F019	OTHER WILDLIFE MANAGEMENT	3,306	4,323	2,589	3,979
F099	OTHER NATURAL RESOURCES MANAGEMENT	26,912	38,297	29,246	15,982
TOTAL	NATURAL RESOURCES MANAGEMENT	34,422	44,776	37,999	25,952
<b>G</b>	<b>SOCIAL SERVICES</b>				
G001	CARE OF REMAINS AND/OR FUNERAL SERVICES	0	107	239	29
G002	CHAPLAIN SERVICES	391	409	296	250
G003	RECREATIONAL SERVICES	799	700	623	292
G004	REHABILITATION - SOCIAL	1,268	814	847	618
G007	GOVERNMENT HEALTH INSURANCE	124,955	0	22,686	47,792
G008	OTHER GOVERNMENT INSURANCE	1,161	39	615	179
G009	NON-GOVERNMENT INSURANCE PROGRAMS	69	139	41	0
G099	OTHER SOCIAL SERVICES	6,555	11,944	9,585	7,526
TOTAL	SOCIAL SERVICES	135,060	14,152	34,932	56,686
<b>H</b>	<b>QUALITY CONTROL, TESTING &amp; INSPECTION SERVICE</b>				
H110	QUALITY CONTROL SV/WEAPONS	368	181	799	972
H111	QUALITY CONTROL SV/NUCLEAR ORDNANCE	0	0	0	1,036
H112	QUALITY CONTROL SV/FIRE CONTROL EQUIP	778	13,824	19,067	18,451
H113	QUALITY CONTROL SV/AMMO & EXPLOSIVES	0	29	0	0
H114	QUALITY CONTROL SV/GUIDED MISSILES	213,343	186,687	273,503	80,813
H115	QUALITY CONTROL SV/AIRCRAFT	130	0	6,324	6,500
H116	QUALITY CONTROL SV/AIRCRAFT COMPONENTS	150	0	0	0
H117	QUALITY CONTROL SV/AIRCRAFT GROUND EQUIP	0	0	0	133
H119	QUALITY CONTROL SV/SHIPS-SML CRAFT-DOCKS	5,017	14,652	55,872	27,864
H120	QUALITY CONTROL SV/MARINE EQUIP	6,526	2,722	0	255
H128	QUALITY CONTROL SV/ENGINES & TURBINES	72	0	136	310
H140	QUALITY CONTROL SV/ROPE-CABLE-CHAIN	0	0	0	2,260
H141	QUALITY CONTROL SV/REFRIGERATION - AC EQ	0	89	0	0
H144	QUALITY CONTROL SV/FURNACE-NUCLEAR REAC	51	49	0	0
H145	QUALITY CONTROL SV/PLUMBING-HEATING EQ	149	0	0	0
H158	QUALITY CONTROL SV/COMMUNICATION EQUIP	3,909	13,182	16,813	12,388
H159	QUALITY CONTROL SV/ELECTRICAL-ELCT EQUIP	9,510	13,075	8,313	2,561
H165	QUALITY CONTROL SV/MEDICAL & DENTAL EQ	29	0	0	0
H166	QUALITY CONTROL SV/INSTRUMENTS & LAB EQ	4,747	4,300	2,107	2,535
H169	QUALITY CONTROL SV/TRAINING AIDS-DEVICES	107	195	754	109
H170	QUALITY CONTROL SV/ADP EQUIP & SUPPLIES	11,397	4,020	2,487	2,022
H179	QUALITY CONTROL SV/CLEANING EQUIP	0	190	200	135
H191	QUALITY CONTROL SV/FUELS-LUBRICANTS-OILS	317	190	190	0
H195	QUALITY CONTROL SV/METAL BARS & SHEETS	0	75	0	65
H199	QUALITY CONTROL SV/MISCELLANEOUS EQUIP	2,861	215	612	609
H1	QUALITY CONTROL SERVICES	259,461	253,675	387,177	159,018
H210	EQUIP TESTING SVCS/WEAPONS	7,980	5,921	4,175	8,102
H212	EQUIP TESTING SVCS/FIRE CONTROL EQUIP	8,281	4,454	5,960	449

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
QUALITY CONTROL, TESTING & INSPECTION SERVICE (CONT)					
H213	EQUIP TESTING SVCS/AMMO & EXPLOSIVES	833	2,057	2,504	3,604
H214	EQUIP TESTING SVCS/GUIDED MISSILES	41,430	22,692	17,565	17,689
H215	EQUIP TESTING SVCS/AIRCRAFT	17,825	7,073	13,656	15,365
H216	EQUIP TESTING SVCS/AIRCRAFT COMPONENTS	6,371	9,182	11,973	472
H217	EQUIP TESTING SVCS/AIRCRAFT GROUND EQUIP	37	0	647	161
H218	EQUIP TESTING SVCS/SPACE VEHICLES	62	164	35,801	6,514
H219	EQUIP TESTING SVCS/SHIPS-SML CRAFT-DOCKS	4,041	2,223	3,666	1,216
H220	EQUIP TESTING SVCS/MARINE EQUIP	646	1,820	1,705	1,616
H228	EQUIP TESTING SVCS/ENGINES & TURBINES	189	127	633	588
H230	EQUIP TESTING SVCS/MECH POWER TRANS EQ	0	51	0	0
H238	EQUIP TESTING SVCS/CONSTRUCTION EQUIP	255	0	560	350
H240	EQUIP TESTING SVCS/ROPE-CABLE-CHAIN	458	67	0	64
H241	EQUIP TESTING SVCS/REFRIGERATION - AC EQ	0	175	175	0
H244	EQUIP TESTING SVCS/FURNACE-NUCLEAR REAC	0	0	198	0
H247	EQUIP TESTING SVCS/PIPE-TUBING-HOSE	0	119	0	0
H256	EQUIP TESTING SVCS/CONSTRUCTION MATERIAL	0	0	162	0
H258	EQUIP TESTING SVCS/COMMUNICATION EQUIP	42,944	43,800	35,572	23,318
H259	EQUIP TESTING SVCS/ELECTRICAL-ELCT EQUIP	12,617	7,156	5,110	6,252
H261	EQUIP TESTING SVCS/POWER DISTRIBUTION EQ	0	0	35	46
H266	EQUIP TESTING SVCS/INSTRUMENTS & LAB EQ	1,999	391	49	0
H268	EQUIP TESTING SVCS/CHEMICAL PRODUCTS	0	0	0	78
H269	EQUIP TESTING SVCS/TRAINING AIDS-DEVICES	0	43	0	0
H270	EQUIP TESTING SVCS/ADP EQUIP & SUPPLIES	954	1,362	412	381
H281	EQUIP TESTING SVCS/CONTAINERS-PACKAGING	0	0	69	0
H284	EQUIP TESTING SVCS/CLOTHING - INDIVIDUAL	242	195	919	876
H285	EQUIP TESTING SVCS/TOILETRIES	0	0	0	1,261
H291	EQUIP TESTING SVCS/FUELS-LUBRICANTS-OILS	151	1,176	989	870
H295	EQUIP TESTING SVCS/METAL BARS & SHEETS	81	0	0	27
H299	EQUIP TESTING SVCS/MISCELLANEOUS EQUIP	809	6,283	2,368	880
H2	EQUIPMENT & MATERIALS TESTING & INSPECTION	148,205	116,531	144,903	90,179
H310	INSPECTION SERVICE/WEAPONS	1,370	294	1,191	1,141
H312	INSPECTION SERVICE/FIRE CONTROL EQUIP	123	108	75	0
H314	INSPECTION SERVICE/GUIDED MISSILES	244	712	675	794
H315	INSPECTION SERVICE/AIRCRAFT	733	0	0	0
H316	INSPECTION SERVICE/AIRCRAFT COMPONENTS	150	0	461	0
H320	INSPECTION SERVICE/MARINE EQUIP	0	430	948	2,222
H328	INSPECTION SERVICE/ENGINES & TURBINES	94	41	0	0
H339	INSPECTION SERVICE/MATERIALS HANDLING EQ	0	0	0	0
H343	INSPECTION SERVICE/PUMPS & COMPRESSORS	0	0	32	0
H344	INSPECTION SERVICE/FURNACE-NUCLEAR REAC	218	388	241	294
H352	INSPECTION SERVICE/MEASURING TOOLS	85	0	0	0
H356	INSPECTION SERVICE/CONSTRUCTION MATERIAL	0	0	0	29
H358	INSPECTION SERVICE/COMMUNICATION EQUIP	6,275	4,598	1,790	1,130
H359	INSPECTION SERVICE/ELECTRICAL-ELCT EQUIP	76	316	1,471	1,428
H361	INSPECTION SERVICE/POWER DISTRIBUTION EQ	170	0	0	0
H363	INSPECTION SERVICE/ALARM & SIGNAL SYSTEM	52	0	0	0
H366	INSPECTION SERVICE/INSTRUMENTS & LAB EQ	0	163	238	0
H370	INSPECTION SERVICE/ADP EQUIP & SUPPLIES	0	0	27	0
H391	INSPECTION SERVICE/FUELS-LUBRICANTS-OILS	0	27	0	0
H399	INSPECTION SERVICE/MISCELLANEOUS EQUIP	2,057	1,101	1,501	1,520
H3	INSPECTION SERVICES	11,647	8,178	8,650	8,558
H999	MISCELLANEOUS TESTING AND INSPECTION SVC	67,378	72,699	55,224	34,230
TOTAL	QUALITY CONTROL, TESTING & INSPECTION SERVICE	486,691	451,083	595,954	291,985
J MAINTENANCE, REPAIR & REBUILDING OF EQUIPMENT					
J010	MAINT-REPAIR OF EQ/WEAPONS	12,397	39,304	29,733	15,413
J011	MAINT-REPAIR OF EQ/NUCLEAR ORDNANCE	2,386	406	363	328
J012	MAINT-REPAIR OF EQ/FIRE CONTROL EQUIP	148,800	67,580	92,177	96,728
J013	MAINT-REPAIR OF EQ/AMMO & EXPLOSIVES	9,829	13,666	11,916	22,860
J014	MAINT-REPAIR OF EQ/GUIDED MISSILES	427,096	352,709	156,677	253,688
J015	MAINT-REPAIR OF EQ/AIRCRAFT	937,764	1,474,304	882,164	1,192,657
J016	MAINT-REPAIR OF EQ/AIRCRAFT COMPONENTS	202,430	198,358	226,618	220,895
J017	MAINT-REPAIR OF EQ/AIRCRAFT GROUND EQUIP	39,334	47,923	47,133	35,608
J018	MAINT-REPAIR OF EQ/SPACE VEHICLES	209	1,908	65	3,202
J019	MAINT-REPAIR OF EQ/SHIPS-SML CRAFT-DOCKS	1,178,504	1,148,039	1,280,773	1,129,314
J020	MAINT-REPAIR OF EQ/MARINE EQUIP	26,854	19,852	26,021	65,468
J022	MAINT-REPAIR OF EQ/RAILWAY EQUIP	2,589	1,809	4,766	1,974
J023	MAINT-REPAIR OF EQ/VEHICLES-TRAILERS-CYC	35,968	36,515	43,652	33,860



# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
MAINTENANCE, REPAIR & REBUILDING OF EQUIPMENT (CONT)					
J024	MAINT-REPAIR OF EQ/TRACTORS	998	1,216	1,209	2,855
J025	MAINT-REPAIR OF EQ/VEHICULAR EQUIP	1,513	1,331	2,282	2,082
J026	MAINT-REPAIR OF EQ/TIRES & TUBES	696	1,817	579	488
J028	MAINT-REPAIR OF EQ/ENGINES & TURBINES	217,514	164,358	202,991	217,921
J029	MAINT-REPAIR OF EQ/ENGINE ACCESSORIES	12,271	18,670	26,720	31,352
J030	MAINT-REPAIR OF EQ/MECH POWER TRANS EQ	291	437	1,002	1,445
J031	MAINT-REPAIR OF EQ/BEARINGS	490	566	559	603
J032	MAINT-REPAIR OF EQ/WOODWORKING MACHINERY	274	277	0	340
J034	MAINT-REPAIR OF EQ/METALWORK MACHINERY	15,110	28,405	20,767	24,372
J035	MAINT-REPAIR OF EQ/SERVICE & TRADE EQUIP	790	386	639	983
J036	MAINT-REPAIR OF EQ/INDUSTRIAL MACHINERY	28,524	34,351	37,296	35,802
J037	MAINT-REPAIR OF EQ/AGRICULTURE MACHINERY	829	2,705	122	123
J038	MAINT-REPAIR OF EQ/CONSTRUCTION EQUIP	1,824	1,396	330	815
J039	MAINT-REPAIR OF EQ/MATERIALS HANDLING EQ	3,501	1,479	7,398	11,305
J040	MAINT-REPAIR OF EQ/ROPE-CABLE-CHAIN	1,500	0	0	84
J041	MAINT-REPAIR OF EQ/REFRIGERATION - AC EQ	11,706	7,866	6,531	7,525
J042	MAINT-REPAIR OF EQ/FIRE-RESCUE-SAFETY EQ	1,790	3,692	6,434	5,346
J043	MAINT-REPAIR OF EQ/PUMPS & COMPRESSORS	2,082	2,458	2,821	5,505
J044	MAINT-REPAIR OF EQ/FURNACE-NUCLEAR REAC	1,184	665	2,254	2,597
J045	MAINT-REPAIR OF EQ/PLUMBING-HEATING EQ	3,489	4,622	2,921	3,546
J046	MAINT-REPAIR OF EQ/WATER PURIFICATION EQ	1,095	43	167	443
J047	MAINT-REPAIR OF EQ/PIPE-TUBING-HOSE	541	147	237	312
J048	MAINT-REPAIR OF EQ/VALVES	1,498	1,417	644	2,404
J049	MAINT-REPAIR OF EQ/MAINTENANCE SHOP EQ	15,213	19,932	17,865	26,439
J051	MAINT-REPAIR OF EQ/HAND TOOLS	110	0	0	28
J052	MAINT-REPAIR OF EQ/MEASURING TOOLS	475	908	1,090	1,446
J053	MAINT-REPAIR OF EQ/HARDWARE & ABRASIVES	322	410	499	160
J054	MAINT-REPAIR OF EQ/PREFAB STRUCTURES	136	397	34	340
J055	MAINT-REPAIR OF EQ/LUMBER & MILLWORK	0	0	457	109
J056	MAINT-REPAIR OF EQ/CONSTRUCTION MATERIAL	311	1,448	1,315	1,505
J058	MAINT-REPAIR OF EQ/COMMUNICATION EQUIP	271,436	302,565	381,951	538,024
J059	MAINT-REPAIR OF EQ/ELECTRICAL-ELECT EQUIP	148,836	169,727	149,384	505,871
J060	MAINT-REPAIR OF EQ/FIBER OPTICS	0	83	0	0
J061	MAINT-REPAIR OF EQ/POWER DISTRIBUTION EQ	1,793	2,514	4,678	4,577
J062	MAINT-REPAIR OF EQ/LIGHTING FIXTURES	30	298	37	58
J063	MAINT-REPAIR OF EQ/ALARM & SIGNAL SYSTEM	2,041	7,614	1,452	768
J065	MAINT-REPAIR OF EQ/MEDICAL & DENTAL EQ	11,152	7,513	10,477	7,712
J066	MAINT-REPAIR OF EQ/INSTRUMENTS & LAB EQ	60,893	91,590	79,148	112,395
J067	MAINT-REPAIR OF EQ/PHOTOGRAPHIC EQUIP	3,565	4,421	3,101	4,516
J068	MAINT-REPAIR OF EQ/CHEMICAL PRODUCTS	0	0	0	68
J069	MAINT-REPAIR OF EQ/TRAINING AIDS-DEVICES	58,279	39,409	37,108	40,987
J070	MAINT-REPAIR OF EQ/ADP EQUIP & SUPPLIES	578,973	588,442	426,768	333,291
J071	MAINT-REPAIR OF EQ/FURNITURE	2,388	3,236	2,486	2,865
J072	MAINT-REPAIR OF EQ/HOUSEHOLD FURNISHINGS	22,285	18,304	12,346	7,018
J073	MAINT-REPAIR OF EQ/FOOD PREP-SERVING EQ	4,740	2,887	4,735	9,931
J074	MAINT-REPAIR OF EQ/OFFICE MACHINES	17,721	15,168	15,411	21,257
J075	MAINT-REPAIR OF EQ/OFFICE SUPPLIES	426	600	269	215
J076	MAINT-REPAIR OF EQ/BOOKS-MAPS-PUBS	943	0	0	248
J077	MAINT-REPAIR OF EQ/MUSICAL INST-RADIO-TV	69	12,272	82	163
J078	MAINT-REPAIR OF EQ/RECREATIONAL EQUIP	139	76	70	101
J079	MAINT-REPAIR OF EQ/CLEANING EQUIP	1,470	1,353	125	133
J080	MAINT-REPAIR OF EQ/BRUSHES-PAINTS-SEALER	707	386	45	1,678
J081	MAINT-REPAIR OF EQ/CONTAINERS-PACKAGING	1,565	386	16,936	337
J083	MAINT-REPAIR OF EQ/TEXTILES-LEATHER-FURS	1,429	1,029	1,317	1,319
J084	MAINT-REPAIR OF EQ/CLOTHING - INDIVIDUAL	5,357	2,831	1,626	2,189
J088	MAINT-REPAIR OF EQ/LIVE ANIMALS	0	0	132	0
J091	MAINT-REPAIR OF EQ/FUELS-LUBRICANTS-OILS	500	75	6	241
J093	MAINT-REPAIR OF EQ/NONMETALLIC FAB MAT	72	123	538	0
J094	MAINT-REPAIR OF EQ/NONMETALLIC CRUDE MAT	835	958	0	0
J095	MAINT-REPAIR OF EQ/METAL BARS & SHEETS	26	263	0	585
J096	MAINT-REPAIR OF EQ/ORES & MINERALS	1,111	0	0	0
J099	MAINT-REPAIR OF EQ/MISCELLANEOUS EQUIP	532,396	470,730	320,027	184,660
TOTAL	MAINTENANCE, REPAIR & REBUILDING OF EQUIPMENT	5,081,413	5,433,395	4,617,330	5,241,341
K MODIFICATION OF EQUIPMENT					
K010	MODIFICATION OF EQ/WEAPONS	1,305	3,486	750	6,188
K011	MODIFICATION OF EQ/NUCLEAR ORDNANCE	0	0	896	690
K012	MODIFICATION OF EQ/FIRE CONTROL EQUIP	3,489	39,002	15,983	2,929
K013	MODIFICATION OF EQ/AMMO & EXPLOSIVES	7,399	0	34	2,538
K014	MODIFICATION OF EQ/GUIDED MISSILES	103,060	59,425	464,599	232,467
K015	MODIFICATION OF EQ/AIRCRAFT	923,543	845,259	709,763	870,393
K016	MODIFICATION OF EQ/AIRCRAFT COMPONENTS	73,717	81,287	39,562	161,967

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
MODIFICATION OF EQUIPMENT (CONT)					
K017	MODIFICATION OF EQ/AIRCRAFT GROUND EQUIP	4,480-	2,670	319	1,243
K018	MODIFICATION OF EQ/SPACE VEHICLES	148	0	0	497-
K019	MODIFICATION OF EQ/SHIPS-SML CRAFT-DOCKS	56,627	85,414	62,936	239,959
K020	MODIFICATION OF EQ/MARINE EQUIP	145	0	16,544	1,681
K023	MODIFICATION OF EQ/VEHICLES-TRAILERS-CYC	123	50	1,569	187
K024	MODIFICATION OF EQ/TRACTORS	50	0	0	374
K025	MODIFICATION OF EQ/VEHICULAR EQUIP	650	1,128	0	0
K028	MODIFICATION OF EQ/ENGINES & TURBINES	11,759	13,606	25,616	184,472
K029	MODIFICATION OF EQ/ENGINE ACCESSORIES	2,714	8,613	0	1,015
K034	MODIFICATION OF EQ/METALWORK MACHINERY	485	462	394	212
K036	MODIFICATION OF EQ/INDUSTRIAL MACHINERY	0	0	0	34
K039	MODIFICATION OF EQ/MATERIALS HANDLING EQ	100	0	91	0
K041	MODIFICATION OF EQ/REFRIGERATION - AC EQ	194	2,298	0	0
K042	MODIFICATION OF EQ/FIRE-RESCUE-SAFETY EQ	29	0	2,279-	84
K043	MODIFICATION OF EQ/PUMPS & COMPRESSORS	741	678	417	35
K044	MODIFICATION OF EQ/FURNACE-NUCLEAR REAC	0	96	0	59
K045	MODIFICATION OF EQ/PLUMBING-HEATING EQ	0	38	34	0
K047	MODIFICATION OF EQ/PIPE-TUBING-HOSE	0	0	0	54
K048	MODIFICATION OF EQ/VALVES	0	0	0	291-
K049	MODIFICATION OF EQ/MAINTENANCE SHOP EQ	917	10,322	8,418	3,246
K054	MODIFICATION OF EQ/PREFAB STRUCTURES	0	0	0	34
K055	MODIFICATION OF EQ/LUMBER & MILLWORK	0	0	0	55
K056	MODIFICATION OF EQ/CONSTRUCTION MATERIAL	0	29	678	31
K058	MODIFICATION OF EQ/COMMUNICATION EQUIP	142,678	135,196	127,111	239,074
K059	MODIFICATION OF EQ/ELECTRICAL-ELCT EQUIP	62,201	94,993	39,185	70,107
K061	MODIFICATION OF EQ/POWER DISTRIBUTION EQ	170	0	0	212
K063	MODIFICATION OF EQ/ALARM & SIGNAL SYSTEM	0	0	63	0
K065	MODIFICATION OF EQ/MEDICAL & DENTAL EQ	0	0	84	449
K066	MODIFICATION OF EQ/INSTRUMENTS & LAB EQ	6,434	10,830	13,352	778-
K067	MODIFICATION OF EQ/PHOTOGRAPHIC EQUIP	315	0	357	1,883
K069	MODIFICATION OF EQ/TRAINING AIDS-DEVICES	63,350	38,971	49,323	48,443
K070	MODIFICATION OF EQ/ADP EQUIP & SUPPLIES	119,839	74,460	35,604	13,192
K072	MODIFICATION OF EQ/HOUSEHOLD FURNISHINGS	0	180	0	0
K081	MODIFICATION OF EQ/CONTAINERS-PACKAGING	487	0	0	0
K084	MODIFICATION OF EQ/CLOTHING - INDIVIDUAL	0	0	105	105
K095	MODIFICATION OF EQ/METAL BARS & SHEETS	0	49	47	0
K099	MODIFICATION OF EQ/MISCELLANEOUS EQUIP	61,226	101,681	325,742	338,995
TOTAL	MODIFICATION OF EQUIPMENT	1,639,415	1,610,223	1,935,709	2,400,841
L TECHNICAL REPRESENTATIVE SERVICES					
L010	TECH REP SERVICES/WEAPONS	2,656	6,009	5,525	7,929
L012	TECH REP SERVICES/FIRE CONTROL EQUIP	19,434	8,390	2,119	4,111
L013	TECH REP SERVICES/AMMO & EXPLOSIVES	195	1,108	1,270	222
L014	TECH REP SERVICES/GUIDED MISSILES	137,169	228,362	175,342	142,536
L015	TECH REP SERVICES/AIRCRAFT	59,040	89,393	76,877	90,852
L016	TECH REP SERVICES/AIRCRAFT COMPONENTS	60,406	58,022	78,021	101,265
L017	TECH REP SERVICES/AIRCRAFT GROUND EQUIP	1,748	771	1,323	923
L018	TECH REP SERVICES/SPACE VEHICLES	105,375	189,858	200,606	183,100
L019	TECH REP SERVICES/SHIPS-SML CRAFT-DOCKS	56,316	58,513	20,317	21,456
L020	TECH REP SERVICES/MARINE EQUIP	10,585	5,781	13,865	9,548
L022	TECH REP SERVICES/RAILWAY EQUIP	0	0	32-	1,163
L023	TECH REP SERVICES/VEHICLES-TRAILERS-CYC	0	0	102	0
L025	TECH REP SERVICES/VEHICULAR EQUIP	0	0	0	41
L026	TECH REP SERVICES/TIRES & TUBES	33	0	0	0
L028	TECH REP SERVICES/ENGINES & TURBINES	18,815	16,750	17,995	16,630
L029	TECH REP SERVICES/ENGINE ACCESSORIES	497	388	903	1,156
L030	TECH REP SERVICES/MECH POWER TRANS EQ	0	35	0	141
L034	TECH REP SERVICES/METALWORK MACHINERY	0	0	35	0
L036	TECH REP SERVICES/INDUSTRIAL MACHINERY	0	0	31	67
L041	TECH REP SERVICES/REFRIGERATION - AC EQ	0	46	71	46
L043	TECH REP SERVICES/PUMPS & COMPRESSORS	0	0	0	28
L044	TECH REP SERVICES/FURNACE-NUCLEAR REAC	0	0	0	38
L049	TECH REP SERVICES/MAINTENANCE SHOP EQ	355-	2,221	2,015	56
L053	TECH REP SERVICES/HARDWARE & ABRASIVES	0	0	67	268
L054	TECH REP SERVICES/PREFAB STRUCTURES	0	0	0	66
L055	TECH REP SERVICES/LUMBER & MILLWORK	0	0	119	0
L058	TECH REP SERVICES/COMMUNICATION EQUIP	31,691	36,464	25,522	23,576
L059	TECH REP SERVICES/ELECTRICAL-ELCT EQUIP	8,241	15,791	13,273	24,149
L060	TECH REP SERVICES/FIBER OPTICS	663	0	0	0
L061	TECH REP SERVICES/POWER DISTRIBUTION EQ	330	35	0	134
L063	TECH REP SERVICES/ALARM & SIGNAL SYSTEM	2,899	3,186	2,534	2,235
L066	TECH REP SERVICES/INSTRUMENTS & LAB EQ	1,823	298	3,584	191

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
	TECHNICAL REPRESENTATIVE SERVICES (CONT)				
L067	TECH REP SERVICES/PHOTOGRAPHIC EQUIP	0	72	0	0
L069	TECH REP SERVICES/TRAINING AIDS-DEVICES	2,700	324	988	819
L070	TECH REP SERVICES/ADP EQUIP & SUPPLIES	2,952	3,700	1,739	19,602
L074	TECH REP SERVICES/OFFICE MACHINES	0	0	0	64
L076	TECH REP SERVICES/BOOKS-MAPS-PUBS	0	0	55	0
L099	TECH REP SERVICES/MISCELLANEOUS EQUIP	89,329	61,525	96,685	45,695
	TOTAL TECHNICAL REPRESENTATIVE SERVICES	612,542	787,020	740,951	698,107
	M OPERATION OF GOVERNMENT OWNED FACILITY				
M111	OPER OF GOVT FACILITIES/OFFICE BUILDINGS	8,744	6,668	2,814	4,982
M119	OPER OF GOVT FAC/OTHER ADMIN-SVC BLDGS	444,194	573,616	511,538	378,559
M11	OPER OF GOVT FAC/ADMIN & SVC BUILDINGS	452,938	580,284	514,352	383,541
M121	OPER OF GOVT FAC/AIR TRAFFIC TOWERS	3,168	2,873	2,522	2,133
M122	OPER OF GOVT FAC/AIR TRAFFIC TRAINING FAC	1,480	1,309	973	953
M123	OPER OF GOVT FAC/RADAR & NAVIGATIONAL FAC	194,427	214,861	179,272	163,028
M124	OPER OF GOVT FAC/AIRPORT RUNWAYS	113	3,377	3,072	2,902
M125	OPER OF GOVT FAC/AIRPORT TERMINALS	32,344	12,945	4,648	6,719
M126	OPER OF GOVT FAC/MISSILE SYSTEM FAC	31,290	31,210	35,439	20,916
M127	OPER OF GOVT FAC/ELCT & COMM FAC	309,070	287,326	320,133	386,211
M129	OPER OF GOVT FAC/OTHER AIRFIELD STRUCTURES	3,475	18,540	9,459	16,642
M12	OPER OF GOVT FAC/AIRFIELD, COMM & MISSILE	575,141	572,441	555,518	589,504
M131	OPER OF GOVT FAC/SCHOOLS	777	0	0	0
M139	OPER OF GOVT FAC/EDUCATIONAL BLDGS	1,622	1,076	713	404
M13	OPER OF GOVT FAC/EDUCATIONAL BUILDINGS	2,399	1,076	713	404
M141	OPER OF GOVT FAC/HOSPITALS & INFIRMARIES	740	0	0	0
M14	OPER OF GOVT FAC/HOSPITAL BUILDINGS	740	0	0	0
M151	OPER OF GOVT FAC/AMMUNITION FACILITIES	1,060,087	1,291,936	1,009,709	1,181,290
M152	OPER OF GOVT FAC/MAINTENANCE BLDGS	208,291	208,550	191,904	153,025
M153	OPER OF GOVT FAC/PRODUCTION BLDGS	47	371	13,117	98,710
M154	OPER OF GOVT FAC/SHIP CONST-REPAIR FAC	0	0	0	698
M155	OPER OF GOVT FAC/TANK-AUTOMOTIVE FAC	20,308	24,047	5,411	27,021
M159	OPER OF GOVT FAC/OTHER INDUSTRIAL BLDG	35,634	21,955	28,978	9,491
M15	OPER OF GOVT FAC/INDUSTRIAL BUILDINGS	1,324,367	1,544,859	1,249,119	1,470,235
M161	OPER OF GOVT FAC/FAMILY HOUSING	762	1,252	1,500	3,029
M162	OPER OF GOVT FAC/RECREATIONAL BLDGS	26	173	30	20
M163	OPER OF GOVT FAC/TROOP HOUSING	532	366	0	0
M164	OPER OF GOVT FAC/DINING FACILITIES	2,386	2,311	1,626	3,799
M169	OPER OF GOVT FAC/OTHER RESIDENTIAL BLDG	65	0	0	0
M16	OPER OF GOVT FAC/RESIDENTIAL BUILDINGS	3,771	4,102	3,156	6,848
M171	OPER OF GOVT FAC/AMMO STORAGE BLDGS	7,998	9,648	7,717	4,812
M172	OPER OF GOVT FAC/FOOD STORAGE BLDGS	274	274	135	0
M173	OPER OF GOVT FAC/FUEL STORAGE BLDGS	29,874	25,882	35,596	46,225
M174	OPER OF GOVT FAC/OPEN STORAGE FAC	3,149	0	613	292
M179	OPER OF GOVT FAC/OTHER WAREHOUSE BLDGS	41,018	34,836	23,978	25,956
M17	OPER OF GOVT FAC/WAREHOUSE BUILDINGS	82,313	70,640	68,039	77,285
M181	OPER OF GOVT FAC/R&D GOCO FACILITIES	213,583	195,178	241,947	198,198
M182	OPER OF GOVT FAC/R&D GOCO FACILITIES	1,169	1,381	9,175	9,525
M18	OPER OF GOVT FAC/R & D FACILITIES	214,752	196,559	251,122	207,723
M191	OPER OF GOVT FAC/EXHIBITION BUILDINGS	130	154	73	80
M192	OPER OF GOVT FAC/TESTING BUILDINGS	88,723	100,284	110,953	87,380
M199	OPER OF GOVT FAC/MISCELLANEOUS BLDGS	206,339	223,927	164,096	142,587
M19	OPER OF GOVT FAC/OTHER BUILDINGS	295,192	324,365	275,132	230,047
M1	OPER OF GOVT FAC/BUILDING STRUCTURES	2,951,613	3,294,326	2,917,151	2,975,587

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
OPERATION OF GOVERNMENT OWNED FACILITY (CONT)					
M211	OPER OF GOVT FAC/DAMS	2,782	752	927	51
M219	OPER OF GOVT FAC/OTHER CONSERVATION & DEV	5,168	1,716	1,424	3,802
M21	OPER OF GOVT FAC/CONSERVATION & DEV	7,950	2,468	2,351	3,853
M222	OPER OF GOVT FAC/HWYS, STREETS & BRIDGES	451	47	0	346
M22	OPER OF GOVT FAC/HWYS, STREETS & BRIDGES	451	47	0	346
M239	OPER OF GOVT FAC/EPG - OTHER	130	532	249	0
M23	OPER OF GOVT FAC/ELECTRIC POWER GENERATION	130	532	249	0
M241	OPER OF GOVT FAC/FUEL SUPPLY	1,540	1,538	219	182
M242	OPER OF GOVT FAC/HEATING & COOLING PLANTS	3,692	2,421	2,059	1,801
M244	OPER OF GOVT FAC/SEWAGE & WASTE	235	1,047	354	237
M245	OPER OF GOVT FAC/WATER SUPPLY	93	0	0	0
M249	OPER OF GOVT FAC/OTHER UTILITIES	460	801	74	0
M24	OPER OF GOVT FAC/UTILITIES	6,020	5,807	2,706	2,230
M293	OPER OF GOVT FAC/UNIMPROVED REAL PROPERTY	696	669	0	0
M299	OPER OF GOVT FAC/ALL OTHER NON-BLDG FAC	68,880	133,760	53,650	75,277
M29	OPER OF GOVT FAC/OTHER NON-BUILDING FAC	69,576	134,429	53,650	75,277
M2	OPER OF GOVT FAC/NON-BUILDING STRUCTURES	84,127	143,283	58,956	81,706
TOTAL	OPERATION OF GOVERNMENT OWNED FACILITY	3,035,740	3,437,609	2,976,107	3,057,293
N INSTALLATION OF EQUIPMENT					
N010	INSTALLATION OF EQ/WEAPONS	2,994	4,469	12,886	17,662
N012	INSTALLATION OF EQ/FIRE CONTROL EQUIP	159	159	1,619	1,640
N013	INSTALLATION OF EQ/AMMO & EXPLOSIVES	288	25,404	0	0
N014	INSTALLATION OF EQ/GUIDED MISSILES	11,443	468,189	56,253	31,292
N016	INSTALLATION OF EQ/AIRCRAFT COMPONENTS	3,924	816	3,164	935
N017	INSTALLATION OF EQ/AIRCRAFT GROUND EQUIP	0	300	0	1,600
N019	INSTALLATION OF EQ/SHIPS-SHL CRAFT-DOCKS	2,228	0	28,103	29,385
N020	INSTALLATION OF EQ/MARINE EQUIP	2,161	2,814	4,235	1,998
N025	INSTALLATION OF EQ/VEHICULAR EQUIP	51	84	0	0
N028	INSTALLATION OF EQ/ENGINES & TURBINES	69	39	0	0
N029	INSTALLATION OF EQ/ENGINE ACCESSORIES	0	29	0	0
N031	INSTALLATION OF EQ/BEARINGS	0	1,700	0	3,716
N034	INSTALLATION OF EQ/METALWORK MACHINERY	0	0	248	622
N035	INSTALLATION OF EQ/SERVICE & TRADE EQUIP	31	29	0	43
N036	INSTALLATION OF EQ/INDUSTRIAL MACHINERY	149	0	0	456
N039	INSTALLATION OF EQ/MATERIALS HANDLING EQ	0	0	633	690
N040	INSTALLATION OF EQ/ROPE-CABLE-CHAIN	198	0	0	81
N041	INSTALLATION OF EQ/REFRIGERATION - AC EQ	220	995	113	724
N042	INSTALLATION OF EQ/FIRE-RESCUE-SAFETY EQ	0	0	31	170
N043	INSTALLATION OF EQ/PUMPS & COMPRESSORS	43	98	382	0
N045	INSTALLATION OF EQ/PLUMBING-HEATING EQ	0	114	54	33
N046	INSTALLATION OF EQ/WATER PURIFICATION EQ	168	0	0	0
N048	INSTALLATION OF EQ/VALVES	0	0	1,212	0
N049	INSTALLATION OF EQ/MAINTENANCE SHOP EQ	35	9,124	4,934	0
N054	INSTALLATION OF EQ/PREFAB STRUCTURES	0	517	323	270
N058	INSTALLATION OF EQ/COMMUNICATION EQUIP	108,915	112,755	90,757	74,447
N059	INSTALLATION OF EQ/ELECTRICAL-ELCT EQUIP	18,971	23,695	12,692	8,324
N060	INSTALLATION OF EQ/FIBER OPTICS	302	0	0	0
N061	INSTALLATION OF EQ/POWER DISTRIBUTION EQ	216	353	103	45
N062	INSTALLATION OF EQ/LIGHTING FIXTURES	36	0	0	0
N063	INSTALLATION OF EQ/ALARM & SIGNAL SYSTEM	3,729	783	242	1,359
N065	INSTALLATION OF EQ/MEDICAL & DENTAL EQ	88	62	0	0
N066	INSTALLATION OF EQ/INSTRUMENTS & LAB EQ	108	3,784	954	750
N067	INSTALLATION OF EQ/PHOTOGRAPHIC EQUIP	163	0	297	0
N068	INSTALLATION OF EQ/CHEMICAL PRODUCTS	0	0	0	3,234
N069	INSTALLATION OF EQ/TRAINING AIDS-DEVICES	213	182	3,995	5,100
N070	INSTALLATION OF EQ/AOP EQUIP & SUPPLIES	3,937	6,311	6,927	5,592
N071	INSTALLATION OF EQ/FURNITURE	1,862	1,759	2,652	250
N072	INSTALLATION OF EQ/HOUSEHOLD FURNISHINGS	60	246	338	0
N074	INSTALLATION OF EQ/OFFICE MACHINES	31	58	30	0

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
INSTALLATION OF EQUIPMENT (CONT)					
N076	INSTALLATION OF EQ/BOOKS-MAPS-PUBS	0	0	0	35
N078	INSTALLATION OF EQ/RECREATIONAL EQUIP	0	51	0	28
N083	INSTALLATION OF EQ/TEXTILES-LEATHER-FURS	0	0	0	279
N093	INSTALLATION OF EQ/NONMETALLIC FAB MAT	100	0	0	0
N096	INSTALLATION OF EQ/ORES & MINERALS	4,481	0	0	0
N099	INSTALLATION OF EQ/MISCELLANEOUS EQUIP	88,321	78,052	109,434	59,769
TOTAL	INSTALLATION OF EQUIPMENT	255,692	739,551	342,591	250,529
P SALVAGE SERVICE					
P100	DISPOSAL OF EXCESS AND SURPLUS PROPERTY	40,093	39,354	29,546	19,529
P200	SALVAGE OF AIRCRAFT	0	484	325	116
P300	SALVAGE OF MARINE VESSELS	40	149	302	0
P400	DEMOLITION OF BUILDINGS	11,657	9,593	5,496	7,429
P500	DEMOLITION OF STRUCTURES OR FACILITIES	3,999	3,027	2,682	8,791
P999	OTHER SALVAGE SERVICES	42,215	49,222	50,846	39,921
TOTAL	SALVAGE SERVICE	98,004	101,829	89,197	75,786
Q MEDICAL SERVICE					
Q101	DEPENDENT MEDICARE	130,765	70,589	45,072	3,544
Q201	GENERAL HEALTH CARE	29,598	2,012	70,341	150,843
Q301	LABORATORY TESTING - MEDICAL	18,640	14,240	14,694	4,998
Q401	NURSING SERVICES	23,952	13,359	3,511	242
Q501	MEDICAL SERVICE/ANESTHESIOLOGY	155	99	84	0
Q502	MEDICAL SERVICE/CARDIO-VASCULAR	0	43	580	410
Q503	MEDICAL SERVICE/DENTISTRY	7,960	2,590	126	0
Q504	MEDICAL SERVICE/DERMATOLOGY	107	98	67	0
Q505	MEDICAL SERVICE/GASTROENTEROLOGY	63	0	0	0
Q506	MEDICAL SERVICE/GERIATRIC	0	587	0	0
Q507	MEDICAL SERVICE/GYNECOLOGY	2,382	1,279	1,267	1,395
Q508	MEDICAL SERVICE/HEMATOLOGY	0	199	0	0
Q509	MEDICAL SERVICE/INTERNAL MEDICINE	472	207	184	47
Q510	MEDICAL SERVICE/NEUROLOGY	160	149	60	565
Q512	MEDICAL SERVICE/OPTOMETRY	109	105	0	0
Q513	MEDICAL SERVICE/ORTHOPEDICS	318	1,140	636	2,026
Q514	MEDICAL SERVICE/OTOLARYNGOLOGY	0	83	42	31
Q515	MEDICAL SERVICE/PATHOLOGY	2,269	2,662	727	135
Q516	MEDICAL SERVICE/PEDIATRICS	671	517	117	98
Q517	MEDICAL SERVICE/PHARMACOLOGY	749	633	100	0
Q518	MEDICAL SERVICE/PHYSICAL & REHABILITATION	16	329	196	0
Q519	MEDICAL SERVICE/PSYCHIATRY	349	56	37	309
Q521	MEDICAL SERVICE/PULMONARY	0	95	113	0
Q522	MEDICAL SERVICE/RADIOLOGY	11,382	5,308	6,261	3,177
Q523	MEDICAL SERVICE/SURGERY	1,577	1,567	756	806
Q524	MEDICAL SERVICE/THORACIC	0	279	0	0
Q525	MEDICAL SERVICE/UROLOGY	136	125	43	41
Q526	MEDICAL SVC/PSYCHIATRIC CONSULTATION SVCS	154	278	424	472
Q5	SPECIALIZED MEDICAL SERVICE	29,029	18,428	11,800	9,512
Q999	OTHER MEDICAL SERVICES	18,192	15,178	9,453	2,224
TOTAL	MEDICAL SERVICE	250,176	133,806	154,871	171,363
R PROFESSIONAL, TECHNICAL & MANAGEMENT SERVICES					
R111	A&E CONST/BLDGS & FAC/ADMIN & SVC BLDGS	21,589	22,265	28,157	27,788
R112	A&E CONST/BLDGS & FAC/AIRFIELD, MSL & COMM	19,989	31,246	36,536	35,627
R113	A&E CONST/BLDGS & FAC/EDUCATIONAL BLDGS	8,990	11,026	12,977	13,318
R114	A&E CONST/BLDGS & FAC/HOSPITAL BUILDINGS	11,097	25,640	15,083	23,913
R115	A&E CONST/BLDGS & FAC/INDUSTRIAL BLDGS	22,280	11,103	14,928	11,436
R116	A&E CONST/BLDGS & FAC/RESIDENTIAL BLDGS	22,607	24,127	26,019	28,493
R117	A&E CONST/BLDGS & FAC/WAREHOUSE BLDGS	5,512	5,965	8,542	8,330
R118	A&E CONST/BLDGS & FAC/R&D FACILITIES	1,270	2,616	4,730	3,166
R119	A&E CONST/BLDGS & FAC/OTHER BUILDINGS	108,105	122,972	93,555	100,478
R11	A&E CONSTRUCTION /BLDG & FAC STRUCTURES	221,439	256,960	240,527	252,549
R121	A&E CONST/NBS/CONSERVATION & DEV	3,510	3,701	3,636	4,566

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
PROFESSIONAL, TECHNICAL & MANAGEMENT SERVICES (CONT)					
R122	A&E CONST/NBS/HWYS, STREETS & BRIDGES	3,286	4,426	7,855	4,446
R123	A&E CONST/NBS/ELECTRIC POWER GENERATION	3,953	2,838	4,972	4,623
R124	A&E CONST/NBS/UTILITIES	17,157	29,470	27,863	15,575
R129	A&E CONST/NBS/OTHER	18,830	34,270	34,863	30,864
R12	A&E CONST/NON-BLDG STRUCTURES (NBS)	46,736	74,705	79,189	60,076
R1	ARCHITECT & ENGINEER (A&E) CONSTRUCTION	268,175	331,665	319,716	312,625
R211	A&E/ARCHITECT-ENGINEER SVCS (NON-CONST)	292,744	329,492	284,473	305,567
R212	A&E/ENGINEER DRAFTING SERVICES	23,476	14,634	7,154	7,846
R213	A&E/A&E INSPECTION SERVICES (NON-CONST)	10,469	11,484	7,868	9,365
R214	A&E/A&E MANAGEMENT ENGINEERING SERVICES	315,556	246,248	146,001	154,877
R215	A&E/A&E PRODUCTION ENGINEERING SERVICES	387,718	622,052	473,555	406,517
R216	A&E/MARINE ARCHITECT - ENGINEERING SVCS	476,078	560,422	593,482	424,140
R219	A&E/OTHER ARCHITECT AND ENGINEERING SVCS	431,483	437,108	401,991	324,211
R2	ARCHITECTS & ENGINEERS (A&E) SVCS-GENERAL	1,937,524	2,221,440	1,914,524	1,632,523
R301	ADP FACILITY MANAGEMENT	60,715	44,219	35,148	37,542
R302	ADP SYSTEMS DEVELOPMENT AND PROGRAMMING	286,354	318,678	290,181	303,272
R303	ADP ENTRY	17,635	10,349	9,383	9,511
R304	ADP TRANSMISSION	333	2,311	1,620	951
R305	ADP TELEPROCESSING	20,423	40,242	59,014	60,475
R306	ADP SYSTEMS ANALYSIS	20,397	32,823	13,058	2,250
R307	ADP AUTOMATED INFORMATION SYSTEM SERVICES	113,122	83,905	42,359	24,820
R399	OTHER ADP SERVICES	673,650	616,189	533,034	573,431
R3	AUTOMATIC DATA PROCESSING (ADP) SERVICES	1,192,629	1,148,716	983,797	1,012,252
R401	PROF SERVICES/ADVERTISING	0	0	0	5,008
R402	PROF SERVICES/DATA COLLECTION	0	0	0	1,437
R403	PROF SERVICES/FINANCIAL-AUDITING	0	0	0	32
R404	PROF SERVICES/LAND SURVEYS - CADASTRAL	13,278	28,320	12,541	9,802
R405	PROF SERVICES/OPERATIONS RESEARCH	3,302	6,971	3,975	4,458
R406	PROF SERVICES/POLICY REVIEW - DEVELOPMENT	7,054	31,467	21,785	3,596
R407	PROF SERVICES/PROGRAM EVALUATION	31,968	33,620	34,972	41,767
R408	PROF SERVICES/PROGRAM MANAGEMENT-SUPPORT	449,670	381,388	378,030	485,463
R409	PROF SERVICES/PROGRAM REVIEW-DEVELOPMENT	49,405	47,946	40,438	32,958
R411	PROF SERVICES/REAL PROPERTY APPRAISALS	483	5,545	776	633
R412	PROF SERVICES/SIMULATIONS	12,261	25,345	23,192	17,148
R413	PROF SERVICES/SPECIFICATIONS DEVELOPMENT	40,928	55,654	51,702	63,221
R414	PROF SERVICES/SYSTEMS ENGINEERING	1,326,228	1,245,199	1,055,445	1,086,850
R415	PROF SERVICES/TECHNOLOGY SHARING	78,081	95,501	175,712	78,034
R416	PROF SERVICES/CARE OF ANIMALS	265	159	0	622
R417	PROF SERVICES/LOGISTICS SUPPORT SERVICES	0	0	0	60,061
R418	PROF SERVICES/LEGAL SERVICES	1,806	1,684	3,150	184
R419	PROF SERVICES/EDUCATIONAL SERVICES	12,012	24,385	23,674	10,592
R420	PROF SVCS/CERTIFICATIONS & ACCREDITATIONS	1,757	414	451	2,262
R421	PROF SERVICES/TECHNICAL ASSISTANCE	35,441	58,266	13,375	13,795
R422	PROF SVCS/TELEPHONE & FIELD INTERVIEW SVCS	80	177	16	1,962
R423	PROF SERVICES/INTELLIGENCE SERVICES	560	1,156	4,320	2,723
R424	PROF SERVICES/EXPERT WITNESS	879	695	99	302
R425	PROF SERVICES/ENGINEERING TECHNICAL SVCS	638,163	513,651	388,830	170,734
R426	PROF SERVICES/COMMUNICATIONS SERVICES	13,017	12,243	6,575	4,659
R497	PROF SERVICES/PERSONAL SERVICES	672	1,001	287	653
R498	PROF SERVICES/OTHER PROFESSIONAL SERVICES	862,497	167,378	258,518	120,726
R499	PROF SERVICES/OTHER MANAGEMENT SERVICES	0	0	1,944	187,663
R4	MANAGEMENT & PROFESSIONAL SERVICES	3,579,807	2,738,165	2,499,807	2,407,345
R502	STUDIES/AIR QUALITY ANALYSES	1,877	1,558	595	804
R503	STUDIES/ARCHEOLOGICAL-PALEONTOLOGICAL	3,051	7,434	4,380	3,158
R504	STUDIES/CHEMICAL-BIOLOGICAL	3,749	5,288	2,614	2,432
R505	STUDIES/COST BENEFIT	3,272	612	509	2,124
R506	STUDIES/DATA - OTHER THAN SCIENTIFIC	8,761	24,607	23,953	28,769
R507	STUDIES/ECONOMIC, LABOR	910	1,261	732	1,578
R509	STUDIES/ENDANGERED SPECIES - PLANT/ANIMAL	247	279	233	290
R510	STUDIES/ENVIRONMENTAL ASSESSMENTS	7,827	4,989	3,352	2,783
R511	STUDIES/ENVIRONMENTAL BASELINE	519	582	831	147
R512	STUDIES/ENVIRONMENTAL IMPACT	1,359	2,764	2,370	2,681
R513	STUDIES/FEASIBILITY - NON-CONSTRUCTION	7,667	3,067	2,316	2,637
R516	STUDIES/FISHERIES	1,420	2,075	2,388	1,715
R517	STUDIES/GEOLOGICAL	1,161	559	390	259

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
PROFESSIONAL, TECHNICAL & MANAGEMENT SERVICES (CONT)					
R518	STUDIES/GEOPHYSICAL	154	596	689	0
R519	STUDIES/GEOTECHNICAL	134	678	1,728	4,266
R520	STUDIES/GRAZING-RANGE USE	0	0	0	270
R521	STUDIES/HISTORICAL	824	122	1,259	581
R522	STUDIES/LEGAL-LITIGATION	332	707	27	390
R524	STUDIES/MATHEMATICAL-STATISTICAL	1,394	400	170	2,685
R525	STUDIES/NATURAL RESOURCE	214	471	116	146
R526	STUDIES/OCEANOLOGICAL	25,631	724	180	182
R527	STUDIES/RECREATION	0	0	0	125
R528	STUDIES/REGULATORY	0	0	0	164
R529	STUDIES/SCIENTIFIC DATA	4,394	7,810	8,838	25,732
R530	STUDIES/SEISMOLOGICAL	2,193	965	863	1,301
R532	STUDIES/SOILS	230	616	515	115
R533	STUDIES/WATER QUALITY	1,047	990	1,685	2,232
R534	STUDIES/WILDLIFE	140	140	75	365
R537	STUDIES/GENERAL HEALTH	5,156	6,080	4,453	955
R538	STUDIES/INTELLIGENCE ANALYSIS SUPPORT	26,969	31,041	27,257	34,082
R539	STUDIES/AERONAUTIC/SPACE STUDIES	1,998	884	1,179	1,292
R540	STUDIES/BUILDING TECHNOLOGY	17,272	4,948	1,545	617
R541	STUDIES/DEFENSE	21,199	17,300	11,292	9,239
R542	STUDIES/EDUCATIONAL STUDIES & ANALYSES	1,166	317	1,208	2,383
R543	STUDIES/ENERGY	0	877	475	1,265
R544	STUDIES/TECHNOLOGY	5,290	7,165	9,901	8,130
R545	STUDIES/HOUSING & COMMUNITY DEVELOPMENT	30	239	284	30
R546	STUDIES/SECURITY (PHYSICAL & PERSONNEL)	6,599	188	166	172
R547	STUDIES/ACCOUNTING/FINANCIAL MANAGEMENT	6,010	7,806	6,887	3,682
R548	STUDIES/TRADE ISSUE	0	0	0	127
R549	STUDIES/FOREIGN POLICY/NATIONAL SEC POLICY	166	380	42	0
R550	STUDIES/ORGANIZATION/ADMIN/PERSONNEL	1,161	1,507	2,873	1,984
R551	STUDIES/MOBILIZATION/PREPAREDNESS	4,452	2,659	2,526	3,733
R552	STUDIES/MANPOWER	887	375	188	185
R553	STUDIES/COMMUNICATIONS	397	2,248	2,338	3,799
R554	STUDIES/ACQUISITION POLICY/PROCEDURES	370	499	363	849
R599	OTHER SPECIAL STUDIES AND ANALYSES	140,903	176,185	123,819	158,612
R5	SPECIAL STUDIES & ANALYSES	318,532	329,992	257,604	319,067
R601	ADMIN SERVICES/MATERIAL MANAGEMENT	3,630	4,053	2,957	1,740
R602	ADMIN SERVICES/COURIER & MESSENGER SVCS	399	56	998	0
R603	ADMIN SERVICES/TRANSCRIPTION SERVICES	1,077	2,207	681	460
R604	ADMIN SERVICES/MAILING & DISTRIBUTION SVCS	7,417	4,389	3,811	3,249
R605	ADMIN SERVICES/LIBRARY SERVICES	4,910	2,946	2,668	1,539
R607	ADMIN SERVICES/WORD PROCESSING/TYPING SVCS	5,200	6,929	4,572	2,364
R608	ADMIN SVCS/TRANSLATION SVC(INCL SIGN LANG)	1,029	1,471	549	0
R609	ADMIN SERVICES/STENOGRAPHIC SERVICES	350	420	0	0
R610	PERSONAL PROPERTY MANAGEMENT SERVICES	297	0	0	0
R611	SECURITY OPERATIONAL SUPPORT SERVICES	615	68	0	0
R699	OTHER ADMINISTRATIVE SUPPORT SERVICES	18,226	18,654	13,027	11,502
R6	ADMINISTRATIVE SUPPORT SERVICES	43,150	41,193	29,263	20,854
R701	MGMT SUPPORT SVCS/ADVERTISING SERVICES	95,897	121,727	159,915	71,605
R702	MGMT SUPPORT SVCS/DATA COLLECTION SERVICES	60,279	69,452	52,763	31,268
R703	MGMT SUPPORT SVCS/FINANCIAL SERVICES	13,584	2,862	3,241	1,311
R704	MGMT SUPPORT SVCS/AUDITING SERVICES	1,156	77	8,108	3,888
R705	MGMT SUPPORT SVCS/DEBT COLLECTION SERVICE	2,951	581	73	118
R706	MGMT SUPPORT SVCS/LOGISTIC SUPPORT SVCS	317,350	352,609	242,828	200,439
R707	MGMT SUPPORT SVCS/CONTRACT SUPPORT	59,466	97,643	22,430	13,553
R708	MGMT SUPPORT SVCS/PUBLIC RELATIONS SERVICE	310	400	3,462	1,786
R709	MGMT SUPPORT SVCS/ONGOING AUDIT OPERATIONS	302	30	0	0
R710	MGMT SUPPORT SVCS/RELOCATION SERVICES	1,307	1,882	0	0
R799	OTHER MANAGEMENT SUPPORT SERVICES	443,834	431,684	364,539	83,217
R7	MANAGEMENT SUPPORT SERVICES	994,124	1,078,947	857,359	407,185
TOTAL	PROFESSIONAL, TECHNICAL & MANAGEMENT SERVICES	8,333,941	7,890,118	6,862,070	6,111,851
S UTILITIES & HOUSEKEEPING SERVICES					
S111	GAS SERVICES	233,036	247,801	252,063	290,158
S112	ELECTRICITY SERVICES	957,271	874,312	851,356	784,468
S113	TELEPHONE AND/OR COMMUNICATIONS SERVICES	478,415	625,432	1,044,698	849,558
S114	WATER SERVICES	92,998	71,762	54,759	55,454

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
UTILITIES & HOUSEKEEPING SERVICES (CONT)					
S119	OTHER UTILITIES	128,867	96,223	82,823	81,628
S1	UTILITIES	1,890,587	1,915,530	2,285,699	2,061,266
S201	CUSTODIAL - JANITORIAL	307,853	294,231	261,277	242,180
S202	FIRE PROTECTION	14,023	6,780	6,813	10,037
S203	FOOD SERVICE	317,133	319,771	283,358	252,089
S204	FUELING SERVICE	12,063	11,020	5,722	8,172
S205	GARBAGE COLLECTION	94,017	68,818	63,003	59,902
S206	GUARD SERVICES	87,887	83,120	88,229	91,213
S207	INSECT AND RODENT CONTROL	2,629	2,120	1,143	2,633
S208	LANDSCAPING - GROUNDSKEEPING	81,963	75,154	63,809	65,382
S209	LAUNDRY AND DRY CLEANING	38,256	31,881	27,714	34,698
S211	SURVEILLANCE SERVICES	1,790	970	4,072	4,195
S212	SOLID FUEL HANDLING SERVICES	2,562	3,119	3,106	2,421
S213	MESSSENGER SERVICES	871	389	371	0
S214	CARPET LAYING & CLEANING	1,041	2,430	2,140	699
S215	WAREHOUSE & STORAGE SERVICES	14,515	28,250	21,971	5,691
S216	BASE OPERATIONS SUPPORT SERVICES	263,549	249,299	197,445	130,944
S218	SNOW REMOVAL/SALT SERVICE	1,765	157	0	0
S219	ASBESTOS REMOVAL	2,141	648	0	0
S220	TRAVEL AGENT SERVICES	27,176	0	0	0
S221	HAZARDOUS WASTE REMOVAL	6,943	4,032	0	0
S299	OTHER HOUSEKEEPING SERVICES	198,842	166,138	158,912	110,281
S2	HOUSEKEEPING SERVICES	1,475,019	1,348,327	1,189,085	1,020,537
TOTAL	UTILITIES & HOUSEKEEPING SERVICES	3,365,606	3,263,857	3,474,784	3,081,803
T PHOTOGRAPHIC, MAPPING, PRINTING & PUBLICATION SVC					
T001	ARTS-GRAPHICS	19,435	19,824	10,383	14,391
T002	CARTOGRAPHY	5,181	1,890	2,348	2,757
T003	CATALOGING	405	0	120	287
T004	CHARTING	384	947	60	0
T005	FILM PROCESSING	2,308	2,761	9,195	12,153
T006	FILM-VIDEO TAPE PRODUCTION	5,665	12,863	7,376	11,187
T007	MICROFORM	1,479	2,407	3,257	5,084
T008	PHOTOGRAMMETRY	1,130	3,843	907	1,606
T009	PHOTOGRAPHIC - AERIAL	1,175	1,017	1,223	2,563
T010	PHOTOGRAPHIC - GENERAL - STILL	15,262	15,228	17,289	16,135
T011	PRINTING - BINDING	787	1,711	1,456	1,137
T012	REPRODUCTION	5,057	4,742	3,899	6,505
T013	TECHNICAL WRITING	48,935	64,603	57,029	62,971
T014	TOPOGRAPHY	257	506	2,030	1,638
T015	GENERAL PHOTOGRAPHIC SERVICES - MOTION	4,627	1,508	498	408
T016	AUDIO/VISUAL SERVICES	12,892	12,376	6,153	2,544
T099	OTHER PHOTOGRAPHIC MAPPING PRINTING SVC	10,259	15,934	22,500	27,201
TOTAL	PHOTOGRAPHIC, MAPPING, PRINTING & PUBLICATION SVC	135,238	161,960	145,723	168,567
U TRAINING SERVICES					
U001	LECTURES FOR TRAINING	1,470	2,815	4,044	3,090
U002	PERSONNEL TESTING	1,817	2,372	619	3,566
U003	RESERVE TRAINING - MILITARY	3,124	580	598	2,225
U004	SCIENTIFIC AND MANAGEMENT EDUCATION	6,035	12,926	9,060	7,696
U005	TUITION FEES	129,299	121,691	127,100	111,968
U006	VOCATIONAL-TECHNICAL TRAINING	155,261	153,151	189,855	92,488
U007	FACULTY SALARIES FOR DEPENDENTS SCHOOLS	12,364	18,216	11,710	4,051
U009	OTHER TRAINING	449,514	349,139	321,284	219,930
TOTAL	TRAINING SERVICES	758,884	660,890	664,270	445,014
V TRANSPORTATION & TRAVEL					
V001	GBL AND GTR PROCUREMENTS	270	58	0	0
V002	MOTOR POOL OPERATIONS	22,932	21,243	21,098	15,399
V003	PACKING CRATING SERVICES	6,065	1,723	1,589	1,668
V111	AIR FREIGHT	3,524	109,186	4,881	1,946
V112	MOTOR FREIGHT	9,435	3,539	2,354	4,354



# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
TRANSPORTATION & TRAVEL (CONT)					
V113	RAIL FREIGHT	103	34	0	0
V114	STEVEDORING	69,162	56,355	71,814	83,982
V115	VESSEL FREIGHT	417,164	334,373	394,128	562,943
V119	OTHER CARGO-FREIGHT SERVICES	73,196	50,093	50,667	51,635
V11	CARGO & FREIGHT SERVICES	572,584	553,580	523,844	700,968
V121	AIR CHARTER FOR THINGS	297,883	212,303	265,985	234,636
V122	MOTOR CHARTER FOR THINGS	560	1,237	623	151
V124	MARINE CHARTER FOR THINGS	600,691	737,062	431,886	202,568
V125	VESSEL TOWING	17,859	8,623	6,366	5,505
V129	OTHER VEHICLE CHARTER FOR THINGS	8,542	3,162	5,253	3,128
V12	VEHICLE CHARTER	925,535	962,387	710,113	445,988
V1	TRANSPORTATION OF THINGS	1,498,119	1,515,967	1,233,957	1,146,956
V211	AIR PASSENGER SERVICE	100,526	223,788	131,277	94,980
V212	MOTOR PASSENGER SERVICE	24,453	34,287	17,830	16,842
V214	MARINE PASSENGER SERVICE	286	309	532	55
V21	PASSENGER SERVICE	125,265	258,384	149,639	111,877
V221	AIR CHARTER FOR PERSONS	237,331	124,025	197,875	242,093
V222	MOTOR CHARTER FOR PERSONS	20,883	16,320	10,241	11,776
V224	MARINE CHARTER FOR PERSONS	174	70	636	359
V225	AMBULANCE SERVICE	1,458	733	111	80
V228	TAXICAB SERVICES	115	83	68	0
V22	VEHICLE CHARTER (WITH OPERATOR)	259,961	141,231	208,795	254,308
V231	LODGING - HOTEL/MOTEL	15,241	17,180	17,768	15,192
V241	MILITARY PERSONNEL RECRUITING	9,274	10,734	9,382	6,479
V251	CIVILIAN PERSONNEL RECRUITING	0	0	0	512
V2	TRAVEL OF PERSONS	409,741	427,529	385,584	388,368
V999	OTHER TRAVEL SERVICES	1,871	3,645	2,051	2,912
TOTAL	TRANSPORTATION & TRAVEL	1,938,998	1,970,165	1,644,279	1,555,303
U LEASE OR RENTAL OF EQUIPMENT					
W010	LEASE-RENTAL OF EQ/WEAPONS	2,105	684	2,160	2,441
W012	LEASE-RENTAL OF EQ/FIRE CONTROL EQUIP	70	181	72	115
W015	LEASE-RENTAL OF EQ/AIRCRAFT	2,100	35,284	84,872	61,717
W016	LEASE-RENTAL OF EQ/AIRCRAFT COMPONENTS	26	0	1,215	1,767
W017	LEASE-RENTAL OF EQ/AIRCRAFT GROUND EQUIP	2,320	630	431	18
W018	LEASE-RENTAL OF EQ/SPACE VEHICLES	0	0	0	35
W019	LEASE-RENTAL OF EQ/SHIPS-SML CRAFT-DOCKS	7,903	4,603	5,483	3,889
W020	LEASE-RENTAL OF EQ/MARINE EQUIP	906	2,175	1,106	1,131
W022	LEASE-RENTAL OF EQ/RAILWAY EQUIP	107	147	256	285
W023	LEASE-RENTAL OF EQ/VEHICLES-TRAILERS-CYC	14,247	12,078	11,843	17,738
W024	LEASE-RENTAL OF EQ/TRACTORS	417	839	469	268
W025	LEASE-RENTAL OF EQ/VEHICULAR EQUIP	372	678	357	119
W028	LEASE-RENTAL OF EQ/ENGINES & TURBINES	0	103	344	53
W029	LEASE-RENTAL OF EQ/ENGINE ACCESSORIES	60	60	61	60
W030	LEASE-RENTAL OF EQ/MECH POWER TRANS EQ	27	168	224	523
W032	LEASE-RENTAL OF EQ/WOODWORKING MACHINERY	0	0	785	0
W034	LEASE-RENTAL OF EQ/METALWORK MACHINERY	237	41	376	101
W035	LEASE-RENTAL OF EQ/SERVICE & TRADE EQUIP	1,330	1,227	1,303	930
W036	LEASE-RENTAL OF EQ/INDUSTRIAL MACHINERY	16,215	20,116	20,949	22,374
W037	LEASE-RENTAL OF EQ/AGRICULTURE MACHINERY	0	100	40	70
W038	LEASE-RENTAL OF EQ/CONSTRUCTION EQUIP	13,453	29,092	12,965	9,932
W039	LEASE-RENTAL OF EQ/MATERIALS HANDLING EQ	3,677	3,018	5,363	5,643
W041	LEASE-RENTAL OF EQ/REFRIGERATION - AC EQ	4,478	841	711	600
W042	LEASE-RENTAL OF EQ/FIRE-RESCUE-SAFETY EQ	102	30	64	0
W043	LEASE-RENTAL OF EQ/PUMPS & COMPRESSORS	1,011	1,214	738	758
W044	LEASE-RENTAL OF EQ/FURNACE-NUCLEAR REAC	967	251	2,224	769
W045	LEASE-RENTAL OF EQ/PLUMBING-HEATING EQ	968	808	1,146	1,656
W046	LEASE-RENTAL OF EQ/WATER PURIFICATION EQ	1,626	1,027	1,170	1,218
W049	LEASE-RENTAL OF EQ/MAINTENANCE SHOP EQ	3,502	2,049	411	972
W052	LEASE-RENTAL OF EQ/MEASURING TOOLS	52	47	236	147

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
LEASE OR RENTAL OF EQUIPMENT (CONT)					
W053	LEASE-RENTAL OF EQ/HARDWARE & ABRASIVES	0	198	0	0
W054	LEASE-RENTAL OF EQ/PREFAB STRUCTURES	3,648	1,579	2,118	3,849
W055	LEASE-RENTAL OF EQ/LUMBER & MILLWORK	0	147	90	0
W056	LEASE-RENTAL OF EQ/CONSTRUCTION MATERIAL	32	28	0	651
W058	LEASE-RENTAL OF EQ/COMMUNICATION EQUIP	160,493	79,631	110,193	95,188
W059	LEASE-RENTAL OF EQ/ELECTRICAL-ELCT EQUIP	767	9,028	1,147	2,978
W061	LEASE-RENTAL OF EQ/POWER DISTRIBUTION EQ	518	572	441	282
W062	LEASE-RENTAL OF EQ/LIGHTING FIXTURES	280	143	51	288
W063	LEASE-RENTAL OF EQ/ALARM & SIGNAL SYSTEM	2,962	2,354	3,113	1,499
W065	LEASE-RENTAL OF EQ/MEDICAL & DENTAL EQ	464	746	1,421	770
W066	LEASE-RENTAL OF EQ/INSTRUMENTS & LAB EQ	1,464	1,246	2,215	617
W067	LEASE-RENTAL OF EQ/PHOTOGRAPHIC EQUIP	828	1,084	1,274	1,851
W068	LEASE-RENTAL OF EQ/CHEMICAL PRODUCTS	108	0	60	127
W069	LEASE-RENTAL OF EQ/TRAINING AIDS-DEVICES	86	174	68	523
W070	LEASE-RENTAL OF EQ/ADP EQUIP & SUPPLIES	208,810	395,262	518,836	526,960
W071	LEASE-RENTAL OF EQ/FURNITURE	221	164	174	200
W072	LEASE-RENTAL OF EQ/HOUSEHOLD FURNISHINGS	1,675	1,598	1,728	1,747
W073	LEASE-RENTAL OF EQ/FOOD PREP-SERVING EQ	151	95	72	128
W074	LEASE-RENTAL OF EQ/OFFICE MACHINES	16,873	29,792	44,127	68,698
W075	LEASE-RENTAL OF EQ/OFFICE SUPPLIES	124	151	626	1,073
W076	LEASE-RENTAL OF EQ/BOOKS-MAPS-PUBS	110	155	237	726
W077	LEASE-RENTAL OF EQ/MUSICAL INST-RADIO-TV	0	0	0	86
W078	LEASE-RENTAL OF EQ/RECREATIONAL EQUIP	0	0	92	211
W079	LEASE-RENTAL OF EQ/CLEANING EQUIP	173	1,509	648	210
W080	LEASE-RENTAL OF EQ/BRUSHES-PAINTS-SEALER	0	0	0	179
W081	LEASE-RENTAL OF EQ/CONTAINERS-PACKAGING	2,127	1,093	242	1,064
W083	LEASE-RENTAL OF EQ/TEXTILES-LEATHER-FURS	373	363	104	39
W084	LEASE-RENTAL OF EQ/CLOTHING - INDIVIDUAL	68	81	436	477
W088	LEASE-RENTAL OF EQ/LIVE ANIMALS	0	0	0	67
W089	LEASE-RENTAL OF EQ/SUBSISTENCE	15,513	14,071	15,399	12,535
W091	LEASE-RENTAL OF EQ/FUELS-LUBRICANTS-OILS	0	0	0	473
W095	LEASE-RENTAL OF EQ/METAL BARS & SHEETS	0	0	225	240
W099	LEASE-RENTAL OF EQ/MISCELLANEOUS EQUIP	18,473	23,634	7,713	9,431
TOTAL	LEASE OR RENTAL OF EQUIPMENT	514,619	682,389	870,224	868,496
X LEASE OR RENTAL OF FACILITIES					
X111	LEASE-RENT OF FAC/OFFICE BUILDINGS	1,238	3,844	2,190	1,221
X119	LEASE-RENT OF FAC/OTHER ADMIN-SVC BLDGS	1,260	1,764	1,008	470
X11	LEASE-RENT OF FAC/ADMIN & SVC BUILDINGS	2,496	5,608	3,198	1,691
X123	LEASE-RENT OF FAC/RADAR & NAV FACILITY	0	0	0	88
X126	LEASE-RENT OF FAC/MISSILE SYSTEM FAC	95	0	0	33
X127	LEASE-RENT OF FAC/ELCT AND COMM SYS FAC	0	0	101	54
X129	LEASE-RENT OF FAC/OTHER AIRFIELD STRUCTURE	0	138	140	3,179
X12	LEASE-RENT OF FAC/AIRFIELD, COMM & MISSILE	95	138	241	3,354
X131	LEASE-RENT OF FAC/SCHOOLS	642	1,568	635	385
X139	LEASE-RENT OF FAC/EDUCATIONAL BLDGS	0	593	112	525
X13	LEASE-RENT OF FAC/EDUCATIONAL BUILDINGS	642	2,161	747	910
X141	LEASE-RENT OF FAC/HOSPITALS & INFIRMARIES	0	2,937	25	0
X149	LEASE-RENT OF FAC/OTHER HOSPITAL BLDGS	0	0	121	69
X14	LEASE-RENT OF FAC/HOSPITAL BUILDINGS	0	2,937	146	69
X151	LEASE-RENT OF FAC/AMMUNITION FACILITIES	68	114	85	0
X159	LEASE-RENT OF FAC/OTHER INDUSTRIAL BLDG	1,578	1,913	1,676	86
X15	LEASE-RENT OF FAC/INDUSTRIAL BUILDINGS	1,646	2,027	1,761	86
X161	LEASE-RENT OF FAC/FAMILY HOUSING	477	408	276	111
X162	LEASE-RENT OF FAC/RECREATIONAL BLDGS	0	136	0	0
X163	LEASE-RENT OF FAC/TROOP HOUSING	1,513	1,420	2,553	2,495
X165	LEASE-RENT OF FAC/RELIGIOUS	36	55	0	88
X169	LEASE-RENT OF FAC/OTHER RESIDENTIAL BLDG	1,563	1,303	856	339
X16	LEASE-RENT OF FAC/RESIDENTIAL BUILDINGS	3,589	3,322	3,685	3,031
X172	LEASE-RENT OF FAC/FOOD STORAGE BLDGS	0	471	0	0

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
LEASE OR RENTAL OF FACILITIES (CONT)					
X173	LEASE-RENT OF FAC/FUEL STORAGE BLDGS	84,289	71,996	100,516	99,627
X174	LEASE-RENT OF FAC/OPEN STORAGE FAC	14,435	488	738	0
X179	LEASE-RENT OF FAC/OTHER WAREHOUSE BLDGS	228	141	57	1,764
X17	LEASE-RENT OF FAC/WAREHOUSE BUILDINGS	98,952	73,096	101,311	101,391
X191	LEASE-RENT OF FAC/EXHIBITION BUILDINGS	372	353	327	0
X192	LEASE-RENT OF FAC/TESTING BUILDINGS	107	0	208	0
X199	LEASE-RENT OF FAC/MISCELLANEOUS BLDGS	1,368	2,605	1,288	2,273
X19	LEASE-RENT OF FAC/OTHER BUILDINGS	1,847	2,958	1,823	2,273
X1	LEASE-RENT OF FAC/BUILDING STRUCTURES	109,267	92,247	112,912	112,805
X231	LEASE-RENT OF FAC/EPG - COAL	0	0	0	193
X23	LEASE-RENT OF FAC/ELECTRIC POWER GENERATIO	0	0	0	193
X241	LEASE-RENT OF FAC/FUEL SUPPLY	275	145	0	0
X244	LEASE-RENT OF FAC/SEWAGE & WASTE	0	0	29	0
X249	LEASE-RENT OF FAC/OTHER UTILITIES	0	35	0	0
X24	LEASE-RENT OF FAC/UTILITIES	275	180	29	0
X291	LEASE-RENT OF FAC/RECREATION NON-BLDG FAC	0	60	39	33
X299	LEASE-RENT OF FAC/OTHER NON-BLDG FAC	8,767	9,298	11,744	993
X29	LEASE-RENT OF FAC/OTHER NON-BUILDING FAC	8,767	9,358	11,783	1,026
X2	LEASE-RENT OF FAC/NON-BUILDING STRUCTURES	9,042	9,538	11,812	1,219
TOTAL	LEASE OR RENTAL OF FACILITIES	118,309	101,785	124,724	114,024
Y	CONSTRUCTION OF STRUCTURES & FACILITIES				
Y111	CONSTRUCTION/OFFICE BUILDINGS	50,257	58,060	55,483	115,932
Y119	CONSTRUCTION/OTHER ADMIN & SERVICE BLDGS	315,217	315,970	358,572	310,900
Y11	CONSTRUCTION/ADMIN & SVC BUILDINGS	365,474	374,030	414,055	426,832
Y121	CONSTRUCTION/AIR TRAFFIC CONTROL TOWERS	1,985	1,407	6,783	6,679
Y122	CONSTRUCTION/AIR TRAFFIC TRAINING FAC	335	8,344	8,915	292
Y123	CONSTRUCTION/RADAR & NAVIGATIONAL FAC	150,327	263,089	4,207	13,902
Y124	CONSTRUCTION/AIRPORT RUNWAYS	42,337	82,686	17,925	28,154
Y125	CONSTRUCTION/AIRPORT TERMINALS	2,791	4,738	9,384	13,546
Y126	CONSTRUCTION/MISSILE SYSTEMS FACILITIES	75,228	51,769	75,710	48,355
Y127	CONSTRUCTION/ELECTRONIC & COMM FACILITY	186,821	117,735	87,995	43,588
Y129	CONSTRUCTION/OTHER AIRFIELD STRUCTURES	332,843	357,482	323,691	360,861
Y12	CONSTRUCTION/AIRFIELD, COMM & MISSILE FAC	792,667	877,250	534,610	515,377
Y131	CONSTRUCTION/SCHOOLS	65,601	100,352	79,937	144,624
Y139	CONSTRUCTION/OTHER EDUCATIONAL BUILDINGS	112,664	161,539	110,155	106,367
Y13	CONSTRUCTION/EDUCATIONAL BUILDINGS	178,265	261,891	190,092	250,991
Y141	CONSTRUCTION/HOSPITALS AND INFIRMARIES	62,065	181,114	118,144	144,392
Y142	CONSTRUCTION/LABORATORIES AND CLINICS	27,885	68,204	96,377	71,885
Y149	CONSTRUCTION/OTHER HOSPITAL BUILDINGS	25,175	15,243	42,218	50,372
Y14	CONSTRUCTION/HOSPITAL BUILDINGS	115,125	264,561	256,739	266,649
Y151	CONSTRUCTION/AMMUNITION FACILITIES	54,974	65,732	42,361	46,390
Y152	CONSTRUCTION/MAINTENANCE BUILDINGS	157,304	230,655	302,560	258,253
Y153	CONSTRUCTION/PRODUCTION BUILDINGS	60,412	16,423	18,008	13,564
Y154	CONSTRUCTION/SHIP CONST & REPAIR FAC	3,900	26,071	26,732	57,765
Y155	CONSTRUCTION/TANK-AUTOMOTIVE FAC	13,304	11,570	21,414	11,065
Y159	CONSTRUCTION/OTHER INDUSTRIAL BUILDINGS	151,419	146,653	390,567	183,917
Y15	CONSTRUCTION/INDUSTRIAL BUILDINGS	441,313	497,104	801,642	550,954

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
CONSTRUCTION OF STRUCTURES & FACILITIES (CONT)					
Y161	CONSTRUCTION/FAMILY HOUSING	289,455	298,735	284,515	308,358
Y162	CONSTRUCTION/RECREATIONAL BUILDINGS	41,716	62,368	36,446	45,014
Y163	CONSTRUCTION/TROOP HOUSING	250,295	364,443	402,981	342,175
Y164	CONSTRUCTION/DINING FACILITIES	46,364	36,354	37,410	35,259
Y165	CONSTRUCTION/RELIGIOUS FACILITIES	11,387	3,358	4,806	13,746
Y166	CONSTRUCTION/PENAL FACILITIES	1,339	764	0	0
Y169	CONSTRUCTION/OTHER RESIDENTIAL BUILDINGS	130,235	296,120	86,999	104,578
Y16	CONSTRUCTION/RESIDENTIAL BUILDINGS	770,791	1,062,142	853,157	849,130
Y171	CONSTRUCTION/AMMUNITION STORAGE BUILDING	8,023	16,473	24,657	25,767
Y172	CONSTRUCTION/FOOD OR GRAIN STORAGE BLDGS	7,109	1,579	14,235	3,149
Y173	CONSTRUCTION/FUEL STORAGE BUILDINGS	22,109	18,810	55,430	42,745
Y174	CONSTRUCTION/OPEN STORAGE FACILITIES	2,858	4,395	8,442	2,154
Y179	CONSTRUCTION/OTHER WAREHOUSE BUILDINGS	141,022	185,403	159,636	80,520
Y17	CONSTRUCTION/WAREHOUSE BUILDINGS	181,121	226,660	262,400	154,335
Y181	CONSTRUCTION/R&D - GOCO FACILITIES	4,640	7,952	21,362	1,400
Y182	CONSTRUCTION/R&D - GOGO FACILITIES	9,605	32,680	8,730	41,043
Y18	CONSTRUCTION/R & D FACILITIES	14,245	40,632	30,092	42,443
Y191	CONSTRUCTION/MUSEUMS & EXHIBITION BLDGS	1,719	1,464	18,406	6,098
Y192	CONSTRUCTION/TESTING & MEASUREMENT BLDGS	25,010	17,831	46,120	52,844
Y199	CONSTRUCTION/MISCELLANEOUS BUILDINGS	914,000	740,015	783,613	932,164
Y19	CONSTRUCTION/OTHER BUILDINGS	940,729	759,310	848,139	881,106
Y1	CONSTRUCTION/BUILDINGS & FAC STRUCTURES	3,799,730	4,363,580	4,190,926	4,047,817
Y211	CONSTRUCTION/DAMS	277,384	154,703	188,256	191,431
Y212	CONSTRUCTION/CANALS	3,033	29,059	9,941	24,703
Y213	CONSTRUCTION/MINE FIRE CONTROL	212	51	354	0
Y215	CONSTRUCTION/SURFACE MINE RECLAMATION	0	1,223	629	80
Y216	CONSTRUCTION/DREDGING	324,447	315,972	241,439	322,188
Y219	CONSTRUCTION/OTHER CONSERVATION DEV	282,081	302,980	207,577	210,283
Y21	CONSTRUCTION/CONSERVATION & DEVELOPMENT	887,157	803,988	648,196	748,665
Y221	CONSTRUCTION/AIRPORT SERVICE ROADS	5,162	26,180	10,521	14,288
Y222	CONSTRUCTION/HWYS, STREETS & BRIDGES	76,551	153,130	97,785	126,571
Y223	CONSTRUCTION/SUBSURFACE STRUCTURES	3,245	2,148	602	14,037
Y224	CONSTRUCTION/PARKING FACILITIES	9,801	25,483	18,030	15,236
Y22	CONSTRUCTION/HWYS, STREETS & BRIDGES	94,759	206,901	126,938	170,132
Y231	CONSTRUCTION/EPG - COAL	100	1,621	3,045	925
Y232	CONSTRUCTION/EPG - GAS	414	940	633	49
Y233	CONSTRUCTION/EPG - GEOTHERMAL	60	0	410	0
Y234	CONSTRUCTION/EPG - HYDRO	192	1,130	1,443	19,036
Y236	CONSTRUCTION/EPG - PETROLEUM	478	3,608	450	1,150
Y239	CONSTRUCTION/EPG - OTHER INCL TRANS	15,340	10,766	57,803	40,281
Y23	CONSTRUCTION/ELECTRIC POWER GENERATION-EPG	16,584	18,065	63,784	61,441
Y241	CONSTRUCTION/FUEL SUPPLY	47,754	10,456	39,535	31,215
Y242	CONSTRUCTION/HEATING AND COOLING PLANTS	12,631	28,137	14,653	24,176
Y243	CONSTRUCTION/POLLUTION ABATEMENT & CONTROL	23,371	2,559	3,542	2,323
Y244	CONSTRUCTION/SEWAGE & WASTE	29,062	25,309	17,515	32,959
Y245	CONSTRUCTION/WATER SUPPLY	44,723	23,998	57,533	38,065
Y249	CONSTRUCTION/OTHER UTILITIES	57,881	122,979	112,437	134,643
Y24	CONSTRUCTION/UTILITIES	215,422	213,438	245,215	263,381
Y291	CONSTRUCTION/RECREATION NON-BLDG FAC	31,287	32,455	19,716	99,725
Y292	EXHIBIT DESIGN (NON-BUILDING)	0	74	342	64
Y293	UNIMPROVED REAL PROPERTY (LAND)	3,153	3,319	2,015	809
Y299	CONSTRUCTION/ALL OTHER NON-BLDG FAC	693,028	492,244	444,140	336,777
Y29	CONSTRUCTION/OTHER NON-BUILDING FACILITIES	727,466	528,092	466,213	437,375
Y2	CONSTRUCTION/NON-BUILDING STRUCTURES	1,941,388	1,770,484	1,550,346	1,680,994

# TABLE B2. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
TOTAL	CONSTRUCTION OF STRUCTURES & FACILITIES	5,741,118	6,134,064	5,741,272	5,728,811
Z	MAINTENANCE, REPAIR OR ALTERATION OF REAL PROPERTY				
Z111	MAINT-REPAIR-ALTER/OFFICE BUILDINGS	153,835	143,707	113,975	150,044
Z119	MAINT-REPAIR-ALTER/OTHER ADMIN-SVC BLDGS	194,152	292,918	216,518	269,635
Z11	MAINT-REPAIR-ALTER/ADMIN & SVC BUILDINGS	347,987	436,625	330,493	419,679
Z121	MAINT-REPAIR-ALTER/AIR TRAFFIC TOWERS	1,274	2,151	2,978	1,253
Z122	MAINT-REPAIR-ALTER/AIR TRAFFIC TRAINING	254	3,663	703	3,199
Z123	MAINT-REPAIR-ALTER/RADAR & NAVIGATION FAC	5,607	10,674	4,447	5,290
Z124	MAINT-REPAIR-ALTER/AIRPORT RUNWAYS	78,428	137,433	96,203	135,006
Z125	MAINT-REPAIR-ALTER/AIRPORT TERMINALS	3,756	7,363	3,269	5,754
Z126	MAINT-REPAIR-ALTER/MISSILE SYSTEM FAC	7,633	8,899	9,056	6,178
Z127	MAINT-REPAIR-ALTER/ELECTRONIC & COMM FAC	24,461	25,234	22,520	44,913
Z129	MAINT-REPAIR-ALTER/AIRFIELD - OTHER	90,218	130,111	91,655	88,401
Z12	MAINT-REPAIR-ALTER/AIRFIELD, COMM & MSL	211,631	325,328	230,831	289,994
Z131	MAINT-REPAIR-ALTER/SCHOOLS	20,872	42,630	23,190	27,244
Z139	MAINT-REPAIR-ALTER/EDUCATIONAL BLDGS	30,628	25,888	20,338	19,031
Z13	MAINT-REPAIR-ALTER/EDUCATIONAL BUILDINGS	51,300	68,518	43,528	46,275
Z141	MAINT-REPAIR-ALTER/HOSPITALS & INFIRMARIES	27,895	34,309	27,217	35,913
Z142	MAINT-REPAIR-ALTER/LABORATORIES & CLINICS	15,993	12,007	13,187	12,593
Z149	MAINT-REPAIR-ALTER/OTHER HOSPITAL BLDGS	14,269	21,340	22,150	12,142
Z14	MAINT-REPAIR-ALTER/HOSPITAL BUILDINGS	57,957	67,656	62,554	60,648
Z151	MAINT-REPAIR-ALTER/AMMUNITION FACILITIES	12,503	8,179	8,235	7,827
Z152	MAINT-REPAIR-ALTER/MAINTENANCE BLDGS	78,493	52,303	56,149	63,988
Z153	MAINT-REPAIR-ALTER/PRODUCTION BLDGS	22,044	39,018	31,477	57,193
Z154	MAINT-REPAIR-ALTER/SHIP CONST-REPAIR FAC	7,156	5,442	14,899	2,895
Z155	MAINT-REPAIR-ALTER/TANK-AUTOMOTIVE FAC	1,784	1,379	10,323	3,878
Z159	MAINT-REPAIR-ALTER/OTHER INDUSTRIAL BLDG	132,046	209,282	113,855	177,602
Z15	MAINT-REPAIR-ALTER/INDUSTRIAL BUILDINGS	254,026	315,603	234,938	313,363
Z161	MAINT-REPAIR-ALTER/FAMILY HOUSING	469,862	472,229	488,091	628,410
Z162	MAINT-REPAIR-ALTER/RECREATIONAL BLDGS	57,416	57,928	40,795	77,806
Z163	MAINT-REPAIR-ALTER/TROOP HOUSING	129,682	216,562	230,323	246,984
Z164	MAINT-REPAIR-ALTER/DINING FACILITIES	36,392	43,946	49,092	48,483
Z165	MAINT-REPAIR-ALTER/RELIGIOUS FAC	4,012	4,958	5,148	6,744
Z166	MAINT-REPAIR-ALTER/PENAL FACILITIES	467	249	0	0
Z169	MAINT-REPAIR-ALTER/OTHER RESIDENTIAL BLDG	19,451	39,609	35,444	41,051
Z16	MAINT-REPAIR-ALTER/RESIDENTIAL BUILDINGS	717,282	835,481	848,893	1,049,478
Z171	MAINT-REPAIR-ALTER/AMMO STORAGE BLDGS	3,117	7,937	4,720	12,858
Z172	MAINT-REPAIR-ALTER/FOOD STORAGE BLDGS	4,350	12,149	5,117	2,773
Z173	MAINT-REPAIR-ALTER/FUEL STORAGE BLDGS	11,120	9,333	8,369	5,545
Z174	MAINT-REPAIR-ALTER/OPEN STORAGE FAC	2,221	2,675	9,021	4,561
Z179	MAINT-REPAIR-ALTER/OTHER WAREHOUSE BLDGS	46,564	49,706	45,041	56,897
Z17	MAINT-REPAIR-ALTER/WAREHOUSE BUILDINGS	67,372	81,800	72,268	82,634
Z181	MAINT-REPAIR-ALTER/R&D GOCO FACILITIES	2,463	7,185	9,637	13,182
Z182	MAINT-REPAIR-ALTER/R&D GOGO FACILITIES	14,440	18,664	23,155	18,918
Z18	MAINT-REPAIR-ALTER/R & D FACILITIES	16,903	25,849	32,792	32,098
Z191	MAINT-REPAIR-ALTER/EXHIBITION BUILDINGS	644	2,492	1,247	1,669
Z192	MAINT-REPAIR-ALTER/TESTING BUILDINGS	9,271	4,973	4,281	4,795
Z199	MAINT-REPAIR-ALTER/MISCELLANEOUS BLDGS	511,611	785,457	443,142	516,825
Z19	MAINT-REPAIR-ALTER/OTHER BUILDINGS	521,526	792,922	448,670	523,289
Z1	MAINT-REPAIR-ALTER/BUILDING STRUCTURES	2,245,984	2,949,782	2,304,967	2,817,458
Z211	MAINT-REPAIR-ALTER/DAMS	51,512	36,098	34,795	29,210
Z212	MAINT-REPAIR-ALTER/CANALS	1,643	2,807	6,787	5,906
Z213	MAINT-REPAIR-ALTER/MINE FIRE CONTROL	199	349	0	2,646
Z214	MAINT-REPAIR-ALTER/MINE SUBSIDENCE CNTL	0	0	68	0
Z215	MAINT-REPAIR-ALTER/SURFACE MINE RECOVERY	0	0	203	134

# TABLE B2. Other Services and Construction

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
MAINTENANCE, REPAIR OR ALTERATION OF REAL PROPERTY (CONT)					
Z218	MAINT-REPAIR-ALTER/DREDGING	30,993	37,868	28,917	22,194
Z219	MAINT-REPAIR-ALTER/OTHER CONSERVATION STR	63,874	119,270	76,855	74,697
Z21	MAINT-REPAIR-ALTER/CONSERVATION & DEV	148,221	195,392	147,625	134,787
Z221	MAINT-REPAIR-ALTER/AIRPORT SERVICE ROADS	9,615	23,795	16,902	31,160
Z222	MAINT-REPAIR-ALTER/HWYS, STREETS & BRIDGES	124,713	176,295	136,117	156,855
Z223	MAINT-REPAIR-ALTER/SUBSURFACE STRUCTURES	5,388	14,043	5,513	11,236
Z224	MAINT-REPAIR-ALTER/PARKING FAC	27,831	40,814	27,913	30,231
Z22	MAINT-REPAIR-ALTER/HWYS, STREETS & BRIDGES	167,547	254,947	186,445	229,482
Z231	MAINT-REPAIR-ALTER/EPG - COAL	2,668	526	861	719
Z232	MAINT-REPAIR-ALTER/EPG - GAS	2,045	246	744	5,824
Z233	MAINT-REPAIR-ALTER/EPG - GEOTHERMAL	439	0	480	0
Z234	MAINT-REPAIR-ALTER/EPG - HYDRO	1,210	1,509	628	575
Z235	MAINT-REPAIR-ALTER/EPG - NUCLEAR	520	0	192	0
Z236	MAINT-REPAIR-ALTER/EPG - PETROLEUM	1,125	769	1,219	609
Z239	MAINT-REPAIR-ALTER/EPG - OTHER	17,252	14,109	17,423	20,139
Z23	MAINT-REPAIR-ALTER/EPG	25,259	17,159	21,547	27,856
Z241	MAINT-REPAIR-ALTER/FUEL SUPPLY	33,811	28,168	17,458	56,580
Z242	MAINT-REPAIR-ALTER/HEATING & COOL PLANTS	59,197	129,367	70,412	70,437
Z243	MAINT-REPAIR-ALTER/POLLUTION ABATEMENT	1,322	1,951	1,480	1,311
Z244	MAINT-REPAIR-ALTER/SEWAGE & WASTE	67,754	57,273	47,915	52,100
Z245	MAINT-REPAIR-ALTER/WATER SUPPLY	32,487	53,268	39,855	44,456
Z249	MAINT-REPAIR-ALTER/OTHER UTILITIES	88,085	129,676	115,438	121,391
Z24	MAINT-REPAIR-ALTER/UTILITIES	282,656	399,703	292,538	346,275
Z291	MAINT-REPAIR-ALTER/RECREATION NON-BLDG FAC	12,301	23,796	18,287	19,815
Z292	MAINT-REPAIR-ALTER/EXHIBIT DESIGN NON-BLDG	1,337	240	88	40
Z293	MAINT-REPAIR-ALTER/UNIMPROVED REAL PROP	11,469	14,340	3,309	2,810
Z299	MAINT-REPAIR-ALTER/OTHER NON-BLDG FAC	550,534	491,749	460,410	510,317
Z29	MAINT-REPAIR-ALTER/OTHER NON-BUILDING FAC	575,641	530,125	482,094	532,982
Z2	MAINT-REPAIR-ALTER/NON-BUILDING STRUCTURES	1,199,324	1,398,326	1,130,249	1,271,392
TOTAL	MAINTENANCE, REPAIR OR ALTERATION OF REAL PROPERTY	3,445,308	4,348,108	3,435,216	4,088,850
T O T A L    OTHER SERVICES AND CONSTRUCTION		35,981,762	38,057,814	34,488,260	34,433,166

## **TABLE C**

**Net Value of  
Prime Contract Awards Over \$25,000  
for Supplies and Equipment,  
by Federal Supply Classification  
Code and Description:  
FY 1988, 1987, 1986, and 1985**

# TABLE C1. Summary of Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
10	WEAPONS	1,520,056	1,195,880	1,327,944	1,616,685
11	NUCLEAR ORDNANCE	25,928	98,337	17,664	19,401
12	FIRE CONTROL EQUIPMENT	1,223,153	1,822,559	1,712,500	2,181,229
13	AMMUNITION AND EXPLOSIVES	2,971,771	3,374,256	3,748,005	3,678,034
14	GUIDED MISSILES	9,109,211	9,628,259	10,208,503	9,409,853
15	AIRCRAFT & AIRFRAME STRUCTURAL COMPONENTS	11,078,206	13,419,991	17,968,083	19,749,600
16	AIRCRAFT COMPONENTS AND ACCESSORIES	2,598,342	2,936,574	2,735,114	2,806,292
17	ACFT LAUNCHING, LDG, & GND HANDLING EQUIP	292,505	308,782	413,760	646,132
18	SPACE VEHICLES	928,970	692,542	879,970	1,002,900
19	SHIPS, SML CFT, PONTOONS & FLOATING DOCKS	8,423,665	5,531,121	4,427,062	5,297,265
20	SHIP AND MARINE EQUIPMENT	562,625	374,197	286,699	203,497
22	RAILWAY EQUIPMENT	4,572	5,388	3,918	25,968
23	GND EFFECT VEH, MOTOR VEH, TRAILERS & CYCS	2,566,286	2,835,048	2,945,165	3,715,319
24	TRACTORS	55,031	116,299	63,091	10,370
25	VEHICULAR EQUIPMENT COMPONENTS	654,774	710,542	1,294,995	826,922
26	TIRES AND TUBES	78,798	80,082	102,246	85,189
28	ENGINES, TURBINES, AND COMPONENTS	5,009,162	6,016,104	7,032,785	7,990,811
29	ENGINE ACCESSORIES	438,301	505,515	505,046	514,250
30	MECHANICAL POWER TRANSMISSION EQUIPMENT	83,426	130,501	129,413	101,895
31	BEARINGS	90,779	119,585	120,009	139,366
32	WOODWORKING MACHINERY AND EQUIPMENT	1,304	2,347	1,550	2,084
34	METALWORKING MACHINERY	131,975	186,214	190,431	139,370
35	SERVICE AND TRADE EQUIPMENT	33,687	19,061	17,605	12,635
36	SPECIAL INDUSTRY MACHINERY	119,971	196,648	106,459	111,078
37	AGRICULTURAL MACHINERY AND EQUIPMENT	3,103	4,296	3,990	3,224
38	CONST, MINING, EXCAVATING & HWY MAINT EQ	198,915	290,147	241,372	176,986
39	MATERIALS HANDLING EQUIPMENT	452,468	309,822	346,677	285,215
40	ROPE, CABLE, CHAIN AND FITTINGS	25,022	34,593	34,743	35,816
41	REFRIGERATION, AC & AIR CIRCULATING EQUIP	84,865	162,827	123,755	131,570
42	FIRE FIGHTING, RESCUE & SAFETY EQUIPMENT	245,920	247,636	255,808	246,934
43	PUMPS AND COMPRESSORS	139,959	207,183	227,236	196,836
44	FURNACE, STEAM PLANT, DRYING EQUIP & NUCL	1,490,861	956,712	656,066	1,088,413
45	PLUMBING, HEATING & SANITATION EQUIPMENT	43,694	46,836	29,782	31,819
46	WATER PURIFICATION & SEWAGE TREATMENT EQ	28,012	56,741	30,423	25,953
47	PIPE, TUBING, HOSE & FITTINGS	81,809	86,789	122,727	114,389
48	VALVES	121,165	128,711	158,418	156,888
49	MAINTENANCE & REPAIR SHOP EQUIPMENT	693,680	827,687	590,534	905,722
51	HAND TOOLS	20,364	27,002	21,612	18,401
52	MEASURING TOOLS	8,938	4,913	4,665	3,512
53	HARDWARE AND ABRASIVES	123,996	143,831	154,666	138,499
54	PREFABRICATED STRUCTURES & SCAFFOLDING	189,456	158,213	135,418	201,466
55	LUMBER, MILLWORK, PLYWOOD & VENEER	23,568	30,945	25,092	27,716
56	CONSTRUCTION & BUILDING MATERIALS	73,545	51,287	62,714	59,015
58	COMMUNICATION EQUIPMENT	7,790,161	10,906,043	9,793,379	11,813,181
59	ELECTRICAL & ELECTRONIC EQUIP COMPONENTS	1,582,656	1,957,372	1,623,752	1,732,629



# TABLE C1. Summary of Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
60	FIBER OPTICS MATS, COMPONENTS, ASSEMBLIES	16,633	22,906	14,953	16,879
61	ELECTRIC WIRE & POWER DISTRIBUTION EQUIP	759,550	628,713	774,394	782,323
62	LIGHTING FIXTURES AND LAMPS	88,304	66,034	73,966	93,922
63	ALARM AND SIGNAL SYSTEMS	86,778	53,061	53,273	51,343
65	MEDICAL, DENTAL, & VETERINARY EQ & SUP	532,782	563,388	611,649	515,845
66	INSTRUMENTS AND LABORATORY EQUIPMENT	1,374,042	1,721,350	1,713,357	1,966,709
67	PHOTOGRAPHIC EQUIPMENT	63,206	157,229	159,389	153,896
68	CHEMICALS AND CHEMICAL PRODUCTS	71,142	88,485	95,862	85,186
69	TRAINING AIDS AND DEVICES	663,995	942,865	1,006,841	1,375,660
70	GENERAL PURPOSE AOP EQ SOFTWARE SUP & EQ	2,360,038	3,021,559	2,537,628	2,323,715
71	FURNITURE	210,236	277,392	206,109	174,165
72	HOUSEHOLD & COML FURNISHINGS & APPLIANCES	53,793	70,172	61,931	68,878
73	FOOD PREPARATION AND SERVING EQUIPMENT	52,591	59,021	56,065	45,764
74	OFFICE MACHINES & VISIBLE RECORD EQUIPMENT	32,106	41,148	62,465	79,205
75	OFFICE SUPPLIES AND DEVICES	23,429	29,039	27,702	24,469
76	BOOKS, MAPS AND OTHER PUBLICATIONS	172,801	116,423	96,435	239,731
77	MUSICAL INST, PHONOGRAPHS, HOME TYPE RADIO	1,961	2,768	1,790	2,732
78	RECREATIONAL AND ATHLETIC EQUIPMENT	5,914	9,749	4,303	6,107
79	CLEANING EQUIPMENT AND SUPPLIES	35,922	33,556	34,679	32,883
80	BRUSHES, PAINTS, SEALERS AND ADHESIVES	6,022	8,657	13,353	8,234
81	CONTAINERS, PACKAGING & PACKING SUPPLIES	165,262	166,238	158,471	186,176
83	TEX/LTHR/FURS/APPAREL/FINDINGS/TENTS/FLAGS	179,812	262,095	251,683	173,837
84	CLOTHING, INDIVIDUAL EQUIPMENT & INSIGNIA	1,049,258	910,341	962,151	978,417
85	TOILETRIES	36,436	35,051	32,812	33,305
87	AGRICULTURAL SUPPLIES	12,456	10,148	9,882	4,949
88	LIVE ANIMALS	815	788	541	754
89	SUBSISTENCE	1,456,723	1,352,611	1,415,241	1,151,141
91	FUELS, LUBRICANTS, OILS AND WAXES	4,542,631	4,318,757	9,539,758	8,586,132
93	NONMETALLIC FABRICATED MATERIALS	40,628	28,807	32,772	29,973
94	NONMETALLIC CRUDE MATERIALS	33	27	33	842
95	METAL BARS, SHEETS AND SHAPES	62,275	70,682	69,801	76,533
96	ORES, MINERALS, AND THEIR PRIMARY PRODUCTS	10,956	5,136	4,521	7,439
99	MISCELLANEOUS	2,930,753	595,811	477,629	345,227
T O T A L SUPPLIES AND EQUIPMENT		78,524,948	82,615,425	91,442,265	97,302,700

# TABLE C2. Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
WEAPONS					
1005	GUNS, THROUGH 30 MM	383,931	696,771	492,606	699,333
1010	GUNS, OVER 30 MM UP TO 75 MM	19,582	17,401	31,127	8,540
1015	GUNS, 75 MM THROUGH 125 MM	112,447	206,513	164,921	233,469
1020	GUNS, OVER 125 MM THROUGH 150 MM	94,482	4,526	4,568	4,913
1025	GUNS, OVER 150 MM THROUGH 200 MM	15,092	35,233	59,820	38,223
1030	GUNS, OVER 200 MM THROUGH 300 MM	161	168	62	45
1035	GUNS, OVER 300 MM	336	986	28	183
1040	CHEMICAL WEAPONS AND EQUIPMENT	6,067	9,923	7,633	5,104
1045	LAUNCHERS, TORPEDO AND DEPTH CHARGE	14,077	9,498	12,775	18,882
1055	LAUNCHERS, GRENADE, ROCKET AND PYROTECHNIC	95,364	25,605	88,409	74,327
1070	NETS AND BOOMS, ORDNANCE	1,216	42	222	135
1075	DEGAUSSING AND MINE SWEEPING EQUIPMENT	9,799	18,086	8,701	10,247
1080	CAMOUFLAGE AND DECEPTION EQUIPMENT	10,849	89,692	162,858	163,333
1090	ASSY INTRCNG BTWN WPNS IN 2 OR MORE CLASS	2,234	4,548	13,274	6,220
1095	MISCELLANEOUS WEAPONS	784,603	76,888	280,940	353,731
TOTAL	WEAPONS	1,520,056	1,195,880	1,327,944	1,616,685
NUCLEAR ORDNANCE					
1105	NUCLEAR BOMBS	832	2,284	7,554	6,907
1110	NUCLEAR PROJECTILES	1,871	1,678	5,313	5,570
1115	NUCLEAR WARHEADS AND WARHEAD SECTIONS	5,518	6,836	154	347
1120	NUCLEAR DEPTH CHARGES	0	0	0	61
1127	NUCLEAR ROCKETS	0	1,135	0	0
1135	FUSING AND FIRING DEVICES, NUCL ORDNANCE	8,545	38,258	1,428	1,640
1140	NUCLEAR COMPONENTS	0	0	0	798
1145	EXPLOSIVE AND PYROTECHNIC COMPS, NUCL ORD	0	411	292	725
1190	SPECILIZED TEST AND HANDLING EQ, NUCL ORD	7,440	45,091	2,923	3,353
1195	MISCELLANEOUS NUCLEAR ORDNANCE	1,722	2,644	0	0
TOTAL	NUCLEAR ORDNANCE	25,928	98,337	17,664	19,401
FIRE CONTROL EQUIPMENT					
1210	FIRE CONTROL DIRECTORS	202,757	86,785	19,077	44,895
1220	FIRE CONTROL COMPUTING SIGHTS & DEVICES	26,053	110,957	230,965	77,274
1230	FIRE CONTROL SYSTEMS, COMPLETE	96,768	575,660	217,226	308,911
1240	OPTICAL SIGHTING AND RANGING EQUIPMENT	222,460	145,830	162,003	458,081
1250	FIRE CONTROL STABILIZING MECHANISMS	72	2,544	10,124	7,970
1260	FIRE CNTRL DESIGNATING & INDICATING EQUIP	97,488	66,376	95,296	134,517
1265	FIRE CONTROL TRANSMITTING & RECEIVING EQ	31,644	44,988	174,671	100,286
1270	AIRCRAFT GUNNERY FIRE CONTROL COMPONENTS	250,484	311,785	298,728	584,411
1280	AIRCRAFT BOMBING FIRE CONTROL COMPONENTS	130,292	44,570	161,961	175,687
1285	FIRE CONTROL RADAR EQUIP, EXCEPT AIRBORNE	69,560	231,814	185,336	190,594
1287	FIRE CONTROL SONAR EQUIPMENT	25,081	51,228	13,218	18,200
1290	MISCELLANEOUS FIRE CONTROL EQUIPMENT	70,494	150,044	143,895	100,403
TOTAL	FIRE CONTROL EQUIPMENT	1,223,153	1,822,559	1,712,500	2,181,229
AMMUNITION AND EXPLOSIVES					
1305	AMMUNITION, THROUGH 30 MM	182,755	288,752	151,116	416,094
1310	AMMUNITION, OVER 30 MM UP TO 75 MM	78,447	79,194	49,695	80,963
1315	AMMUNITION, 75 MM THROUGH 125 MM	585,061	356,442	336,750	344,098
1320	AMMUNITION, OVER 125 MM	341,010	416,941	455,270	540,546
1325	BOMBS	492,820	707,919	1,062,111	508,708
1330	GRENADES	111,877	157,205	176,853	192,078
1336	GUIDED MSL WARHEADS AND EXPLOSIVE COMPS	12,106	13,112	20,206	32,787
1337	GUIDE MSL & SPACE VEH EXPLO UN, FUEL, COMP	59,963	113,808	66,295	59,540
1338	GUIDE MSL AND SP VEH INERT UN, FUEL, COMP	1,061	1,013	4,560	15,366
1340	ROCKETS, ROCKET AMMUNITION & ROCKET COMPS	115,779	269,397	242,097	184,401
1345	LAND MINES	95,000	208,040	153,023	211,455
1350	UNDERWATER MINE INERT COMPONENTS	54,509	30,882	98,164	11,862
1351	UNDERWATER MINE EXPLOSIVE COMPONENTS	4,219	3,907	29,494	123,981
1355	TORPEDO INERT COMPONENTS	493,482	349,200	372,577	374,332
1358	TORPEDO EXPLOSIVE COMPONENTS	6,412	5,619	30,029	8,143
1360	DEPTH CHARGE INERT COMPONENTS	1,051	3,732	1,860	2,446
1361	DEPTH CHARGE EXPLOSIVE COMPONENTS	134	224	0	808
1365	MILITARY CHEMICAL AGENTS	1,276	1,796	2,074	4,187
1370	PYROTECHNICS	36,679	44,554	58,665	56,053
1375	DEMOLITION MATERIALS	15,500	20,420	20,586	20,060

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
AMMUNITION AND EXPLOSIVES (CONT)					
1376	BULK EXPLOSIVES	30,554	123,071	90,243	146,070
1377	CARTRIDGE & PROPELLANT ACTUATED DV & COMPS	66,915	76,841	67,838	48,447
1385	SURFACE USE EXPLO ORD DISPOSAL TOOLS & EQ	6,392	5,633	4,975	2,434
1386	UNDMTR USE EXPLO ORD DISPOSAL TOOLS & EQ	991	3,635	2,253	3,284
1390	FUSES AND PRIMERS	144,207	178,852	209,011	260,241
1395	MISCELLANEOUS AMMUNITION	7,390	1,924	1,183	22,842
1398	SPECIALIZED AMMO HANDLING AND SVCING EQUIP	26,178	70,531	41,097	6,808
TOTAL	AMMUNITION AND EXPLOSIVES	2,971,771	3,374,256	3,748,005	3,678,034
GUIDED MISSILES					
1410	GUIDED MISSILES	3,117,586	2,838,591	3,105,846	2,399,956
1420	GUIDED MISSILE COMPONENTS	1,398,698	1,792,913	2,045,583	2,648,136
1425	GUIDED MISSILE SYSTEMS, COMPLETE	2,448,330	1,930,058	2,166,405	1,876,742
1427	GUIDED MISSILE SUBSYSTEMS	993,735	1,364,019	894,250	1,057,572
1430	GUIDED MISSILE REMOTE CONTROL SYSTEMS	215,739	387,299	594,859	542,921
1440	LAUNCHERS, GUIDED MISSILE	760,923	928,532	1,168,134	503,149
1450	GUIDED MISSILE HANDLING & SERVICING EQUIP	184,200	386,847	233,426	381,377
TOTAL	GUIDED MISSILES	9,109,211	9,628,259	10,208,503	9,409,853
AIRCRAFT & AIRFRAME STRUCTURAL COMPONENTS					
1510	AIRCRAFT FIXED WING	7,883,524	9,582,646	14,451,645	15,494,067
1520	AIRCRAFT ROTARY WING	1,942,341	2,238,591	2,141,153	2,503,945
1540	GLIDERS	0	437	944	0
1550	DRONES	140,214	103,906	132,270	65,610
1560	AIRFRAME STRUCTURAL COMPONENTS	1,312,127	1,494,411	1,242,071	1,685,978
TOTAL	AIRCRAFT & AIRFRAME STRUCTURAL COMPONENTS	11,078,206	13,419,991	17,968,083	19,749,600
AIRCRAFT COMPONENTS AND ACCESSORIES					
1610	AIRCRAFT PROPELLERS	20,104	36,273	22,690	54,810
1615	HELICOPTER ROTOR BLADES, DRIVE MECHANISMS	241,303	286,797	374,019	417,556
1620	AIRCRAFT LANDING GEAR COMPONENTS	79,930	149,870	169,212	130,368
1630	AIRCRAFT WHEEL AND BRAKE SYSTEMS	79,149	96,015	165,781	141,586
1650	ACFT HYDRAULIC, VACUUM & DE-ICING SYS COMP	145,847	228,633	190,976	329,832
1660	AIRCRAFT AC, HEATING AND PRESSURIZING EQ	62,473	70,286	361,888	150,425
1670	PARACHUTES AND CARGO TIE DOWN EQUIPMENT	58,387	57,048	70,340	95,288
1680	MSL AIRCRAFT ACCESSORIES AND COMPONENTS	1,911,149	2,011,652	1,380,208	1,486,427
TOTAL	AIRCRAFT COMPONENTS AND ACCESSORIES	2,598,342	2,936,574	2,735,114	2,806,292
ACFT LAUNCHING, LDG, & GND HANDLING EQUIP					
1710	AIRCRAFT ARRESTING, BARRIER & BARRICADE EQ	53,512	33,239	30,814	63,254
1720	AIRCRAFT LAUNCHING EQUIPMENT	21,163	25,598	21,708	227,172
1730	AIRCRAFT GROUND SERVICING EQUIPMENT	190,649	181,702	303,327	319,674
1740	AIRFIELD SPECIALIZED TRUCKS AND TRAILERS	27,181	68,243	57,911	36,032
TOTAL	ACFT LAUNCHING, LDG, & GND HANDLING EQUIP	292,505	308,782	413,760	646,132
SPACE VEHICLES					
1810	SPACE VEHICLES	265,367	203,488	405,314	468,997
1820	SPACE VEHICLE COMPONENTS	387,631	329,129	273,425	403,015
1830	SPACE VEHICLE REMOTE CONTROL SYSTEMS	65,207	4,125	9,339	383
1840	SPACE VEHICLE LAUNCHERS	210,891	155,800	190,288	124,451
1850	SPACE VEHICLE HANDLING & SERVICING EQUIP	47	0	1,604	6,054
1860	SPACE SURVIVAL EQUIPMENT	173-	0	0	0
TOTAL	SPACE VEHICLES	928,970	692,542	879,970	1,002,900
SHIPS, SML CFT, PONTOONS & FLOATING DOCKS					
1900	FRIGATES AND CORVETTES	27,611	93,696	99,116	165,181
1901	AIRCRAFT CARRIERS	3,860,154	148,142	56,512	51,040

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
SHIPS, SML CFT, PONTOONS & FLOATING DOCKS (CONT)					
1902	CRUISERS	1,130,553	861,674	792,211	797,969
1903	DESTROYERS	83,208	247,540	16,742	318,957
1904	SUBMARINES	1,918,232	2,459,988	1,774,597	2,031,982
1905	COMBAT SHIPS AND LANDING VESSELS	31,565	88,240	50,877	34,485
1906	MINELAYERS AND MINESWEEPERS	39,023	35,415	213,999	56,533
1907	LANDING CRAFT	49,197	371,541	31,093	128,813
1908	TORPEDO BOATS AND GUN BOATS	807	23,118	16,175	11,787
1909	HYDROFOILS	355	0	33-	13,250
1910	TRANSPORT VESSELS, PASSENGER AND TROOP	0	98	0	1,443
1911	AMPHIBIOUS ASSAULT SHIPS	791,258	178,527	695,680	868,787
1915	CARGO AND TANKER VESSELS	264,871	698,531	263,248	532,403
1920	FISHING VESSELS	57	860	442	2,515
1921	TUGS AND TOWBOATS	38,118	1,610	1,389	2,867
1923	ICE BREAKERS	0	0	0	45
1924	REPAIR SHIPS	3,183	6,608	30,508	34,822
1925	SPECIAL SERVICE VESSELS	878	955	3,440	4,334
1926	LIGHTSHIPS	0	0	63	656
1928	SALVAGE VESSELS	2,015	4,607	13,268	17,774
1929	RESCUE VESSELS	58	0	0	0
1930	BARGES AND LIGHTERS, CARGO	1,313	3,870	4,087	19,477
1935	BARGES AND LIGHTERS, SPECIAL PURPOSE	10,290	7,575	2,509	18,573
1940	SMALL CRAFT	40,753	68,069	45,254	92,990
1945	PONTOONS AND FLOATING DOCKS	17,774	28,782	66,087	57,537
1950	FLOATING DRYDOCKS	0	136	2,803	24,327
1955	DREDGES	0	96	4,255	8,739
1990	MISCELLANEOUS VESSELS	112,392	201,443	242,740	1,979
TOTAL SHIPS, SML CFT, PONTOONS & FLOATING DOCKS		8,423,665	5,531,121	4,427,062	5,297,265
SHIP AND MARINE EQUIPMENT					
2010	SHIP AND BOAT PROPULSION COMPONENTS	232,667	153,826	137,555	119,886
2020	RIGGING AND RIGGING GEAR	964	1,298	4,260	3,831
2030	DECK MACHINERY	4,418	3,520	5,230	6,514-
2040	MARINE HARDWARE AND HULL ITEMS	31,181	23,714	31,733	25,713
2050	BUOYS	2,328	5,308	507	1,648
2090	MISCELLANEOUS SHIP AND MARINE EQUIPMENT	291,087	186,531	107,414	58,933
TOTAL SHIP AND MARINE EQUIPMENT		562,625	374,197	286,699	203,497
RAILWAY EQUIPMENT					
2210	LOCOMOTIVES	3,000	3,436	37	8,554
2220	RAIL CARS	0	1,010	1,900	13,317
2230	RIGHT-OF-WAY CONST AND MAINT EQ, RAILROAD	186	442	1,657	1,357
2240	LOCOMOTIVE & RAIL CAR ACCESSORIES & COMPS	897	141	0	1,991
2250	TRACK MATERIALS, RAILROAD	489	359	324	749
TOTAL RAILWAY EQUIPMENT		4,572	5,388	3,918	25,968
GND EFFECT VEH, MOTOR VEH, TRAILERS & CYCS					
2305	GROUND EFFECT VEHICLES	10,872	25,815	2,229	81,724
2310	PASSENGER MOTOR VEHICLES	5,105	6,031	11,617	8,736
2320	TRUCKS AND TRUCK TRACTORS, WHEELED	1,067,767	1,077,661	1,306,459	1,783,595
2330	TRAILERS	105,711	141,377	63,213	83,447
2340	MOTORCYCLES, MOTOR SCOOTERS AND BICYCLES	1,183	3,324	1,577	7,623
2350	COMBAT ASSAULT & TACTICAL VEH, TRACKED	1,375,648	1,580,840	1,560,070	1,750,194
TOTAL GND EFFECT VEH, MOTOR VEH, TRAILERS & CYCS		2,566,286	2,835,048	2,945,165	3,715,319
TRACTORS					
2410	TRACTORS, FULL TRACK, LOW SPEED	18,273	85,414	57,114	6,731
2420	TRACTORS, WHEELED	36,549	30,885	5,977	3,712
2430	TRACTORS, TRACK LAYING, HIGH SPEED	209	0	0	73-
TOTAL TRACTORS		55,031	116,299	63,091	10,370

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
VEHICULAR EQUIPMENT COMPONENTS					
2510	VEHICULAR CAB, BODY, FRAME STRUCTURAL COMP	22,391	39,005	38,028	39,038
2520	VEHICULAR POWER TRANSMISSION COMPONENTS	312,527	347,169	580,832	464,981
2530	VEHICULAR BRAKE, STEERING, AXLE WHEEL COMP	159,420	156,562	204,461	181,916
2540	VEHICULAR FURNITURE AND ACCESSORIES	46,931	68,339	66,050	62,349
2590	MISCELLANEOUS VEHICULAR COMPONENTS	113,505	99,467	405,624	78,638
TOTAL	VEHICULAR EQUIPMENT COMPONENTS	654,774	710,542	1,294,995	826,922
TIRES AND TUBES					
2610	TIRES & TUBES, PNEUMATIC, EXCEPT AIRCRAFT	46,143	46,978	61,931	39,271
2620	TIRES AND TUBES, PNEUMATIC, AIRCRAFT	32,306	30,505	38,918	42,870
2630	TIRES, SOLID AND CUSHION	126	528	597	235
2640	TIRE REBUILDING & TIRE & TUBE REPAIR MATS	1,223	2,071	800	2,813
TOTAL	TIRES AND TUBES	79,798	80,082	102,246	85,189
ENGINES, TURBINES, AND COMPONENTS					
2805	GAS RECIPROCATING ENG, EXCEPT ACFT, COMPS	42,357	10,025-	9,657	26,966
2810	GAS RECIPROCATING ENG, AIRCRAFT & COMPS	4,282	5,216	912	3,675
2815	DIESEL ENGINES AND COMPONENTS	109,295	252,011	286,130	430,707
2820	STEAM ENGINES, RECIPROCATING & COMPONENTS	79	2,000	261	2,876
2825	STEAM TURBINES AND COMPONENTS	9,886	22,384	23,941	37,588
2830	WATER TURBINES & WATER WHEELS & COMPS	7,225	7,780	340	1,701
2835	GAS TURBINES AND JET ENG, EX ACFT & COMPS	479,965	649,151	492,283	613,527
2840	GAS TURBINES AND JET ENGINES, ACFT & COMPS	4,168,349	4,866,394	6,074,950	6,830,063
2845	ROCKET ENGINES AND COMPONENTS	5,295	91,355	3,168	13,133
2850	GASOLINE ROTARY ENGINES & COMPONENTS	40,737	38,389	47,860	49
2895	MISCELLANEOUS ENGINES AND COMPONENTS	141,692	91,449	93,283	30,526
TOTAL	ENGINES, TURBINES, AND COMPONENTS	5,009,162	6,016,104	7,032,785	7,990,811
ENGINE ACCESSORIES					
2910	ENGINE FUEL SYS COMPONENTS, NONAIRCRAFT	40,819	58,487	62,998	55,295
2915	ENGINE FUEL SYSTEM COMPONENTS, AIRCRAFT	206,062	210,052	183,611	207,354
2920	ENGINE ELECTRICAL SYS COMPS, NONAIRCRAFT	47,035	69,161	50,017	46,220
2925	ENGINE ELECTRICAL SYS COMPS, AIRCRAFT	39,213	43,988	40,915	52,137
2930	ENGINE COOLING SYS COMPS, NONAIRCRAFT	8,243	20,183	18,892	15,392
2935	ENGINE COOLING SYS COMPONENTS, AIRCRAFT	10,069	5,783	11,035	6,966
2940	ENG FILTERS, STRAINERS & CLEANERS, NONACFT	4,245	13,625	15,774	20,066
2945	ENGINE AIR & OIL FILTERS - AIRCRAFT	3,720	1,437	3,773	4,367
2950	TURBOSUPERCHARGERS	5,537	6,534	7,408	5,256
2990	MISC ENGINE ACCESSORIES, NONAIRCRAFT	9,888	12,668	17,500	9,747
2995	MISC ENGINE ACCESSORIES, AIRCRAFT	63,470	63,597	93,123	91,450
TOTAL	ENGINE ACCESSORIES	438,301	505,515	505,046	514,250
MECHANICAL POWER TRANSMISSION EQUIPMENT					
3010	TORQUE CONVERTERS AND SPEED CHANGERS	15,088	11,718	10,782	10,202
3020	GEARS, PULLEYS, SPROCKETS AND TRANS CHAIN	27,865	64,477	67,973	51,538
3030	BELTING, DRIVE BELTS, FAN BELTS & ACCYS	379	265	797	740
3040	MISCELLANEOUS POWER TRANSMISSION EQUIP	40,094	54,041	49,861	39,415
TOTAL	MECHANICAL POWER TRANSMISSION EQUIPMENT	83,426	130,501	129,413	101,895
BEARINGS					
3110	BEARINGS, ANTIFRICTION, UNMOUNTED	65,689	95,645	92,180	105,825
3120	BEARINGS, PLAIN, UNMOUNTED	19,927	20,853	25,333	32,295
3130	BEARINGS, MOUNTED	5,163	3,087	2,496	1,246
TOTAL	BEARINGS	90,779	119,585	120,009	139,366
WOODWORKING MACHINERY AND EQUIPMENT					
3210	SAWMILL AND PLANING MILL MACHINERY	230	35	44	177

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
WOODWORKING MACHINERY AND EQUIPMENT (CONT)					
3220	WOODWORKING MACHINES	1,074	2,243	1,412	1,907
3230	TOOLS & ATTACHMENTS FOR WOODWORKING MACH	0	69	94	0
TOTAL	WOODWORKING MACHINERY AND EQUIPMENT	1,304	2,347	1,550	2,084
METALWORKING MACHINERY					
3405	SAWS AND FILING MACHINES	4,087	4,003	2,787	1,965
3408	MACHINING CENTERS & WAY-TYPE MACHINES	16,333	23,245	13,178	19,171
3410	ELECTRICAL & ULTRASONIC EROSION MACHINES	1,187	3,569	3,732	1,645
3411	BORING MACHINES	323	3,935	12,013	8,324
3412	BROACHING MACHINES	117	413	1,228	68
3413	DRILLING AND TAPPING MACHINES	9,969	2,944	6,808	2,433
3414	GEAR CUTTING AND FINISHING MACHINES	1,307	362	1,236	435
3415	GRINDING MACHINES	18,149	20,838	25,480	18,662
3416	LATHES	17,052	25,968	27,008	17,796
3417	MILLING MACHINES	13,575	10,094	12,089	12,630
3418	PLANERS AND SHAPERS	2,509	133	374	660
3419	MISCELLANEOUS MACHINE TOOLS	6,109	3,659	2,280	3,618
3422	ROLLING MILLS AND DRAWING MACHINES	173	0	255	0
3424	METAL HEAT TREATING & NON-THERMAL EQUIP	3,628	6,582	5,412	7,505
3426	METAL FINISHING EQUIPMENT	5,173	9,932	2,938	723
3431	ELECTRIC ARC WELDING EQUIPMENT	3,902	26,268	11,676	1,925
3432	ELECTRIC RESISTANCE WELDING EQUIPMENT	379	1,422	892	421
3433	GAS WELDING, HEAT CUTTING, & METALIZING EQ	3,389	4,901	4,004	2,285
3436	WELDING POSITIONERS AND MANIPULATORS	86	197	2,428	5,231
3438	MISCELLANEOUS WELDING EQUIPMENT	2,367	4,838	5,961	1,831
3439	MISC WELDING, SOLDERING & BRAZING SUPPLY	4,087	6,866	11,404	8,398
3441	BENDING AND FORMING MACHINES	4,590	9,436	10,824	7,410
3442	HYDRAULIC AND PNEUMATIC PRESSES, POWER DR	4,718	5,457	3,039	1,367
3443	MECHANICAL PRESSES, POWER DRIVEN	3,345	865	7,600	840
3444	MANUAL PRESSES	392	463	235	670
3445	PUNCHING AND SHEARING MACHINES	7,920	2,783	6,811	5,627
3446	FORGING MACHINERY AND HAMMERS	924	748	2,753	289
3447	WIRE AND METAL RIBBON FORMING MACHINES	200	406	0	0
3448	RIVETING MACHINES	314	70	226	358
3449	MISC SECONDARY METAL FORMING & CUTTING MACH	1,038	561	780	424
3450	MACHINE TOOLS, PORTABLE	959	201	519	137
3455	CUTTING TOOLS FOR MACHINE TOOLS	1,681	2,135	1,639	1,136
3456	CUTTING TOOLS FOR SECONDARY METAL MACH	0	0	92	48
3460	MACHINE TOOL ACCESSORIES	2,036	2,621	2,076	2,575
3461	ACCESSORIES FOR SECONDARY METAL MACHINERY	231	150	115	0
3465	PRODUCTION JIGS, FIXTURES AND TEMPLATES	33	56	345	34
3470	MACHINE SHOP SETS, KITS, AND OUTFITS	39	93	194	2,631
TOTAL	METALWORKING MACHINERY	131,975	186,214	190,431	139,370
SERVICE AND TRADE EQUIPMENT					
3510	LAUNDRY AND DRY CLEANING EQUIPMENT	25,810	9,932	11,279	7,691
3520	SHOE REPAIRING EQUIPMENT	0	33	0	0
3530	INDUST SEWING MACH & MOBILE TEX REPR SHOPS	623	1,335	590	1,598
3540	WRAPPING AND PACKAGING MACHINERY	1,455	3,137	1,687	1,243
3550	VENDING AND COIN OPERATED MACHINES	188	30	1,060	83
3590	MISC SERVICE AND TRADE EQUIPMENT	5,611	4,654	2,989	2,020
TOTAL	SERVICE AND TRADE EQUIPMENT	33,687	19,061	17,605	12,635
SPECIAL INDUSTRY MACHINERY					
3605	FOOD PRODUCTS MACHINERY AND EQUIPMENT	214	1,847	207	396
3610	PRINTING, DUPLICATING & BOOKBINDING EQUIP	39,490	46,421	41,257	32,045
3611	INDUSTRIAL MARKING MACHINES	468	173	434	550
3615	PULP AND PAPER INDUSTRIES MACHINERY	2,139	2,805	1,480	1,075
3620	RUBBER & PLASTIC WORKING MACHINERY	491	1,064	897	248
3625	TEXTILE INDUSTRIES MACHINERY	0	636	238	153
3630	CLAY & CONCRETE PRODUCTS INDUSTRIES MACH	0	183	32	131
3635	CRYSTAL & GLASS INDUSTRIES MACHINERY	254	914	464	615
3640	TOBACCO MANUFACTURING MACHINERY	0	41	45	0
3650	CHEMICAL AND PHARMACEUTICAL MACHINERY	456	1,119	2,180	1,370
3655	GAS GENERATING AND DISPENSING SYSTEMS	25,232	105,524	39,205	27,181
3660	INDUSTRIAL SIZE REDUCTION MACHINERY	375	2,574	232	7,403

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
SPECIAL INDUSTRY MACHINERY (CONT)					
3670	SPECIALIZED CIRCUIT BOARD MANUFACTURING MACH	2,134	1,896	1,436	2,790
3680	FOUNDARY MACHINERY, RELATED EQUIP & SUP	13,098	1,644	2,507	1,187
3685	SPECIALIZED METAL CONTAINER MFG MACH & EQ	335	0	0	268
3690	SPECIALIZED AMMUNITION AND ORDNANCE MACH	23,592	6,072	6,483	22,810
3693	INDUSTRIAL ASSEMBLY MACHINES	2,303	12,239	638	289
3694	CLEAN WORK STATIONS, CONTROLLED ENVIRON EQ	320	363	525	958
3695	MISCELLANEOUS SPECIAL INDUSTRY MACHINERY	9,070	11,133	8,219	11,609
TOTAL	SPECIAL INDUSTRY MACHINERY	119,971	196,600	106,459	111,078
AGRICULTURAL MACHINERY AND EQUIPMENT					
3710	SOIL PREPARATION EQUIPMENT	193	37	1,080	65
3720	HARVESTING EQUIPMENT	28	180	101	542
3730	DAIRY, POULTRY, AND LIVESTOCK EQUIPMENT	205	0	0	0
3740	PEST, DISEASE, AND FROST CONTROL EQUIPMENT	451	933	1,114	437
3750	GARDENING IMPLEMENTS AND TOOLS	1,991	2,641	1,547	1,712
3760	ANIMAL DRAWN VEHICLES AND FARM TRAILERS	0	0	50	0
3770	SADDLERY, HARNESS, WHIPS AND FURNISHINGS	235	505	98	468
TOTAL	AGRICULTURAL MACHINERY AND EQUIPMENT	3,103	4,286	3,990	3,224
CONST, MINING, EXCAVATING & HWY MAINT EQ					
3805	EARTH MOVING AND EXCAVATING EQUIPMENT	57,001	92,071	105,495	98,650
3810	CRANES AND CRANE-SHOVELS	74,545	87,114	45,328	36,680
3815	CRANE AND CRANE-SHOVEL ATTACHMENTS	695	2,836	144	303
3820	MINING, ROCK DRILLING, EARTH BORING EQUIP	4,838	9,846	2,761	7,718
3825	ROAD CLEARING AND CLEANING EQUIPMENT	27,546	55,747	24,700	20,554
3830	TRUCK AND TRACTOR ATTACHMENTS	1,056	2,292	1,492	758
3835	PETROLEUM PRODUCTION & DISTRIBUTION EQUIP	7,490	25,897	18,128	371
3895	MISCELLANEOUS CONSTRUCTION EQUIPMENT	25,744	14,344	43,324	11,952
TOTAL	CONST, MINING, EXCAVATING & HWY MAINT EQ	198,915	290,147	241,372	176,986
MATERIALS HANDLING EQUIPMENT					
3910	CONVEYORS	14,154	13,198	34,508	35,045
3915	MATERIALS FEEDERS	469	225	410	107
3920	MAT HANDLING EQUIP, NONSELF-PROPELLED	4,660	10,115	5,786	5,214
3930	WAREHOUSE TRKS & TRACTORS, SELF-PROPELLED	196,929	123,952	134,035	144,170
3940	BLOCKS TACKLE RIGGING AND SLINGS	5,891	5,579	4,502	1,981
3950	WINCHES, HOISTS, CRANES AND DERRICKS	71,931	68,212	90,547	32,887
3960	ELEVATORS AND ESCALATORS	205	147	298	504
3990	MISCELLANEOUS MATERIALS HANDLING EQUIP	158,229	88,394	76,591	65,307
TOTAL	MATERIALS HANDLING EQUIPMENT	452,468	309,822	346,677	285,215
ROPE, CABLE, CHAIN AND FITTINGS					
4010	CHAIN AND WIRE ROPE	12,679	22,656	15,947	18,285
4020	FIBER ROPE CORDAGE AND TWINE	8,544	8,084	14,344	13,382
4030	FITTINGS FOR ROPE, CABLE AND CHAIN	3,799	3,853	4,452	4,149
TOTAL	ROPE, CABLE, CHAIN AND FITTINGS	25,022	34,593	34,743	35,816
REFRIGERATION, AC & AIR CIRCULATING EQUIP					
4110	REFRIGERATION EQUIP	24,099	22,532	31,024	30,747
4120	AIR CONDITIONING EQUIP	30,195	94,294	47,093	63,933
4130	REFRIGERATION AND AIR CONDITIONING COMPS	13,348	15,121	21,184	16,844
4140	FANS, AIR CIRCULATORS & BLOWER EQUIP	17,223	30,880	24,454	20,046
TOTAL	REFRIGERATION, AC & AIR CIRCULATING EQUIP	84,865	162,827	123,755	131,570
FIRE FIGHTING, RESCUE & SAFETY EQUIPMENT					
4210	FIRE FIGHTING EQUIPMENT	76,181	97,252	114,492	88,408
4220	MARINE LIFESAVING AND DIVING EQUIPMENT	14,131	28,536	37,521	24,730

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
	FIRE FIGHTING, RESCUE & SAFETY EQUIPMENT (CONT)				
4230	DECONTAMINATING AND IMPREGNATING EQUIP	39,312	52,669	27,621	35,336
4240	SAFETY AND RESCUE EQUIPMENT	116,296	69,179	76,174	98,460
TOTAL	FIRE FIGHTING, RESCUE & SAFETY EQUIPMENT	245,920	247,636	255,808	246,934
	PUMPS AND COMPRESSORS				
4310	COMPRESSORS AND VACUUM PUMPS	36,159	45,867	61,598	58,158
4320	POWER AND HAND PUMPS	88,176	145,846	148,842	123,712
4330	CENTRIFUGALS, SEPARATORS, AND FILTERS	15,634	15,470	16,796	14,966
TOTAL	PUMPS AND COMPRESSORS	139,969	207,183	227,236	196,836
	FURNACE, STEAM PLANT, DRYING EQUIP & NUCL				
4410	INDUSTRIAL BOILERS	17,693	5,805	6,917	8,497
4420	HEAT EXCHANGERS AND STEAM CONDENSERS	6,966	10,866	22,634	20,507
4430	INDUSTRIAL FURNACES, KILNS, LEHRs & OVENS	6,343	1,623	3,246	2,337
4440	DRIERS, DEHYDRATORS AND ANHYDRATORS	2,564	3,924	3,645	4,441
4460	AIR PURIFICATION EQUIPMENT	20,865	5,455	4,507	5,129
4470	NUCLEAR REACTORS	1,436,430	929,039	615,117	1,047,502
TOTAL	FURNACE, STEAM PLANT, DRYING EQUIP & NUCL	1,490,861	956,712	656,066	1,088,413
	PLUMBING, HEATING & SANITATION EQUIPMENT				
4510	PLUMBING FIXTURES AND ACCESSORIES	11,285	8,115	10,107	11,967
4520	SPACE HEATING EQ & DOMESTIC WATER HEATERS	25,110	31,792	12,832	13,483
4530	FUEL BURNING EQUIPMENT UNITS	1,036	2,659	1,858	2,793
4540	MISC PLUMBING, HEATING & SANITATION EQUIP	6,263	4,270	4,965	3,576
TOTAL	PLUMBING, HEATING & SANITATION EQUIPMENT	43,694	46,836	29,762	31,819
	WATER PURIFICATION & SEWAGE TREATMENT EQ				
4610	WATER PURIFICATION EQUIPMENT	24,824	53,971	26,711	22,374
4620	WATER DISTILLATION EQUIP MARINE & INDUST	1,706	1,792	1,590	2,328
4630	SEWAGE TREATMENT EQUIPMENT	1,482	978	2,122	1,251
TOTAL	WATER PURIFICATION & SEWAGE TREATMENT EQ	28,012	56,741	30,423	25,953
	PIPE, TUBING, HOSE & FITTINGS				
4710	PIPE AND TUBE	26,168	25,556	27,828	44,190
4720	HOSE AND TUBING, FLEXIBLE	22,633	25,597	47,296	26,690
4730	FITTINGS & SPECIALTIES; HOSE, PIPE & TUBE	33,008	35,636	47,603	43,509
TOTAL	PIPE, TUBING, HOSE & FITTINGS	81,809	86,789	122,727	114,389
	VALVES				
4810	VALVES, POWERED	40,016	20,103	47,884	54,841
4820	VALVES, NONPOWERED	81,149	108,608	110,534	102,047
TOTAL	VALVES	121,165	128,711	158,418	156,888
	MAINTENANCE & REPAIR SHOP EQUIPMENT				
4910	MOTOR VEH MAINT & REPR SHOP SPECIALIZED EQ	24,621	65,926	44,779	45,459
4920	ACFT MAINT & REPAIR SHOP SPECIALIZED EQUIP	469,124	396,802	339,333	612,169
4921	TORPEDO MAINT, REPAIR & CHECKOUT SPEC EQ	3,306	4,458	4,313	5,941
4923	DEPTH CHARGES, MINES MAINT & REPAIR EQUIP	392	30	1,904	397
4925	AMMUNITION MAINT, REPR & CHECKOUT SPEC EQ	2,965	1,272	4,280	784
4927	ROCKET MAINT, REPAIR & CHECKOUT SPEC EQUIP	4,108	5,563	8,639	5,592
4930	LUBRICATION & FUEL DISPENSING EQUIPMENT	20,799	19,033	27,114	38,161
4931	FIRE CONTROL MAINT & REPAIR SHOP SPEC EQ	29,421	34,044	42,039	60,567
4933	WEAPONS MAINT, REPAIR & CHECKOUT SPEC EQ	21,307	39,180	7,477	1,874
4935	GUIDED MISSILE MAINT, REPAIR SPECIALIZED EQ	64,653	177,745	40,072	88,744



# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
MAINTENANCE & REPAIR SHOP EQUIPMENT (CONT)					
4940	MISCELLANEOUS MAINT, REPAIR SPECILIZED EQ	52,938	83,531	70,557	46,054
4960	SPACE VEHICLE MAINT, REPAIR SPECILIZED EQ	46	103	27	0
TOTAL	MAINTENANCE & REPAIR SHOP EQUIPMENT	693,680	827,687	590,534	905,722
HAND TOOLS					
5110	HAND TOOLS, EDGED, NONPOWERED	196	176	219	953
5120	HAND TOOLS, NONEDGED, NONPOWERED	5,652	6,762	6,349	7,083
5130	HAND TOOLS, POWER DRIVEN	2,170	2,644	2,219	1,651
5133	DRILL BITS, COUNTERBORES, AND COUNTERSINKS	87	197	39	35
5136	TAPS, DIES, AND COLLETS: HAND AND MACHINE	0	427	102	126
5140	TOOL AND HARDWARE BOXES	1,609	829	384	820
5180	SETS, KITS AND OUTFITS OF HAND TOOLS	10,650	15,967	12,300	7,733
TOTAL	HAND TOOLS	20,364	27,002	21,612	18,401
MEASURING TOOLS					
5210	MEASURING TOOLS, CRAFTSMEN'S	1,394	830	1,185	516
5220	INSPECTION GAUGES & PRECISION LAYOUT TOOLS	7,172	2,976	3,148	2,165
5280	SETS, KITS AND OUTFITS OF MEASURING TOOLS	372	1,107	332	831
TOTAL	MEASURING TOOLS	8,938	4,913	4,665	3,512
HARDWARE AND ABRASIVES					
5305	SCREWS	7,262	7,129	8,118	5,615
5306	BOLTS	6,652	8,301	11,907	6,598
5307	STUDS	1,048	1,472	1,537	3,314
5310	NUTS AND WASHERS	14,397	22,844	24,044	18,932
5315	NAILS, KEYS AND PINS	7,349	3,640	3,346	3,836
5320	RIVETS	5,368	8,345	21,737	13,748
5325	FASTENING DEVICES	2,910	6,043	11,366	2,969
5330	PACKING AND GASKET MATERIALS	29,093	39,897	26,137	41,529
5335	METAL SCREENING	368	544	113	539
5340	MISCELLANEOUS HARDWARE	35,415	32,466	35,180	33,109
5345	DISKS AND STONES, ABRASIVE	585	975	414	0
5350	ABRASIVE MATERIALS	2,555	1,539	1,166	2,148
5355	KNOBS AND POINTERS	558	759	392	393
5360	COIL,FLAT AND WIRE SPRINGS	1,976	4,989	1,467	1,802
5365	RINGS, SHIMS AND SPACERS	8,470	4,888	7,742	3,967
TOTAL	HARDWARE AND ABRASIVES	123,996	143,831	154,666	138,499
PREFABRICATED STRUCTURES & SCAFFOLDING					
5410	PREFABRICATED AND PORTABLE BUILDINGS	52,215	38,087	40,339	91,898
5411	RIGID WALL SHELTERS	84,044	21,458	15,371	24,803
5420	BRIDGES, FIXED AND FLOATING	1,569	36,027	40,267	34,894
5430	STORAGE TANKS	33,042	42,959	24,946	32,429
5440	SCAFFOLDING EQUIPMENT AND CONCRETE FORMS	2,586	2,624	3,870	3,843
5445	PREFABRICATED TOWER STRUCTURES	1,435	784	270	3,091
5450	MISCELLANEOUS PREFABRICATED STRUCTURES	14,565	16,274	10,555	10,508
TOTAL	PREFABRICATED STRUCTURES & SCAFFOLDING	189,456	158,213	135,418	201,466
LUMBER, MILLWORK, PLYWOOD & VENEER					
5510	LUMBER AND RELATED BASIC WOOD MATERIALS	17,196	22,270	18,492	20,637
5520	MILLWORK	235	0	346	582
5530	PLYWOOD AND VENEER	6,137	8,675	6,254	6,497
TOTAL	LUMBER, MILLWORK, PLYWOOD & VENEER	23,568	30,945	25,092	27,716
CONSTRUCTION & BUILDING MATERIALS					
5610	MINERAL CONSTRUCTION MATERIALS, BULK	15,312	12,823	11,688	12,633
5620	BUILDING GLASS, TILE, BRICK AND BLOCK	4,092	6,639	6,373	2,416

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
CONSTRUCTION & BUILDING MATERIALS (CONT)					
5630	PIPE AND CONDUIT, NONMETALLIC	374	465	170	104
5640	WALLBOARD BLDG & THERMAL INSULATION MAT	2,285	1,957	977	1,881
5650	ROOFING AND SIDING MATERIALS	1,986	204	2,071	488
5660	FENCING, FENCES AND GATES	5,816	3,945	19,166	30,422
5670	BUILDING COMPONENTS, PREFABRICATED	2,779	2,620	2,089	1,705
5680	MISCELLANEOUS CONSTRUCTION MATERIALS	40,901	22,634	20,180	9,366
TOTAL	CONSTRUCTION & BUILDING MATERIALS	73,545	51,287	62,714	59,015
COMMUNICATION EQUIPMENT					
5805	TELEPHONE AND TELEGRAPH EQUIPMENT	176,614	162,754	192,524	215,587
5810	COMMUNICATIONS SECURITY EQUIP AND COMPS	111,360	575,367	386,745	177,420
5811	OTHER CRYPTOLOGIC EQUIPMENT & COMPONENTS	17,864	67,353	38,838	52,198
5815	TELETYPE AND FACSIMILE EQUIPMENT	45,868	44,435	46,554	104,493
5820	RADIO & TV COMM EQUIPMENT, EXCEPT AIRBORNE	784,676	778,407	570,710	871,129
5821	RADIO AND TV COMM EQUIPMENT, AIRBORNE	124,251	289,175	216,787	239,341
5825	RADIO NAVIGATION EQUIP, EXCEPT AIRBORNE	96,859	6,642	108,063	161,129
5826	RADIO NAVIGATION EQUIPMENT, AIRBORNE	136,958	89,848	192,905	199,378
5830	INTERCOMM PUBLIC ADDRESS SYS, EX AIRBORNE	22,993	15,735	42,130	43,228
5831	INTERCOMM PUBLIC ADDRESS SYS, AIRBORNE	8,364	90	11,387	21,601
5835	SOUND RECORDING & REPRODUCING EQUIPMENT	57,733	51,154	118,202	70,326
5838	VIDEO RECORDING AND REPRODUCING EQUIPMENT	23,304	28,816	12,366	8,776
5840	RADAR EQUIPMENT, EXCEPT AIRBORNE	486,826	847,115	717,605	649,624
5841	RADAR EQUIPMENT, AIRBORNE	1,147,187	1,126,699	992,708	1,390,652
5845	UNDERWATER SOUND EQUIPMENT	1,049,072	950,689	868,963	980,094
5850	VISIBLE & INVISIBLE LIGHT COMM EQUIPMENT	287	2,309	3,617	16,024
5855	NIGHT VISION EQUIPMENT	406,790	241,910	329,496	222,089
5860	STIMULATED COHERENT RADIATION DEVICES	6,312	13,406	11,941	31,362
5865	ELCT COUNTERMEASURES & QUICK REACTION EQ	1,525,677	2,803,964	2,898,654	3,590,146
5895	MISCELLANEOUS COMMUNICATION EQUIPMENT	1,561,166	2,810,175	2,033,184	2,768,574
TOTAL	COMMUNICATION EQUIPMENT	7,790,161	10,906,043	9,793,379	11,813,181
ELECTRICAL & ELECTRONIC EQUIP COMPONENTS					
5905	RESISTORS	9,198	10,696	30,873	10,947
5910	CAPACITORS	2,155	2,782	4,338	3,945
5915	FILTERS AND NETWORKS	11,165	17,760	23,665	19,340
5920	FUSES, ARRESTORS, ABSORBERS, & PROTECTORS	8,140	3,734	4,100	4,165
5925	CIRCUIT BREAKERS	9,913	16,195	24,453	10,041
5930	SWITCHES	40,223	40,936	52,506	49,133
5935	CONNECTORS ELECTRICAL	34,058	29,376	55,931	38,801
5940	LUGS TERMINALS AND TERMINAL STRIPS	5,694	5,851	6,489	5,181
5945	RELAYS AND SOLENOIDS	24,631	27,111	38,724	36,233
5950	COIL AND TRANSFORMERS	12,138	17,221	13,953	16,237
5955	PIEZOELECTRIC CRYSTALS	5,815	18,782	5,823	5,960
5960	ELECTRON TUBES & ASSOC HARDWARE	150,792	236,494	227,596	264,691
5961	SEMICONDUCTOR DEVICES & ASSOC HARDWARE	21,475	12,689	10,353	18,046
5962	MICROCIRCUITS - ELECTRONIC	46,871	48,193	49,693	49,698
5963	ELECTRONIC MODULES	410,373	325,699	161,211	143,430
5965	HEADSETS, HANDSETS, MICROPHONES & SPEAKERS	25,062	35,626	43,091	26,445
5970	ELEC INSULATORS AND INSULATING MATERIAL	3,688	3,984	3,746	4,559
5975	ELECTRICAL HARDWARE AND SUPPLIES	19,220	27,001	37,253	43,937
5977	ELECTRICAL CONTACT BRUSHES & ELECTRODES	1,587	3,594	3,076	1,933
5980	OPTOELECTRONIC DEVICES & ASSOC HARDWARE	2,693	565	0	0
5985	ANTENNAS, WAVEGUIDES & RELATED EQUIPMENT	166,725	199,734	199,387	205,152
5990	SYNCHROS AND RESOLVERS	12,490	32,584	10,005	11,156
5995	CABLE, CORD, WIRE ASSEMBLIES, COMM EQUIP	115,876	75,732	84,130	86,401
5999	MSC ELECTRICAL AND ELECTRONIC COMPONENTS	442,674	764,831	533,386	677,198
TOTAL	ELECTRICAL & ELECTRONIC EQUIP COMPONENTS	1,582,656	1,957,372	1,623,752	1,732,629
FIBER OPTICS MATS, COMPONENTS, ASSEMBLIES					
6010	FIBER OPTIC CONDUCTORS	8,008	361	142	0
6015	FIBER OPTIC CABLES	4,727	3,658	4,872	2,545
6020	FIBER OPTIC CABLE ASSEMBLIES & HARNESSSES	564	257	2,630	2,156
6030	FIBER OPTIC DEVICES	1,997	12,570	4,319	10,084
6060	FIBER OPTIC INTERCONNECTORS	76	278	436	205
6070	FIBER OPTIC ACCESSORIES AND SUPPLIES	1,086	1,208	2,240	1,870
6080	FIBER OPTIC KITS & SETS	175	4,574	314	19
TOTAL	FIBER OPTICS MATS, COMPONENTS, ASSEMBLIES	16,633	22,906	14,953	16,879

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
ELECTRIC WIRE & POWER DISTRIBUTION EQUIP					
6105	MOTORS, ELECTRICAL	38,176	43,000	43,809	52,289
6110	ELECTRICAL CONTROL EQUIPMENT	65,467	55,093	48,034	68,196
6115	GENERATORS AND GENERATOR SETS, ELECTRICAL	277,868	153,572	265,709	279,876
6118	FUEL CELL POWER UNITS AND COMPS	1,567	2,974	1,438	215
6120	TRANSFORMERS, DISTRIBUTION & POWER STATION	5,263	9,726	14,430	15,273
6125	CONVERTERS, ELECTRICAL, ROTATING	14,772	72,276	78,013	19,659
6130	CONVERTERS, ELECTRICAL, NONROTATING	89,811	61,784	55,313	79,821
6135	BATTERIES, NONRECHARGEABLE	93,762	91,929	84,115	160,805
6140	BATTERIES, RECHARGEABLE	40,110	45,398	59,820	38,251
6145	WIRE AND CABLE, ELECTRICAL	48,362	33,903	94,334	38,561
6150	MISC ELECTRIC POWER & DISTRIBUTION EQ	84,392	59,058	29,109	29,377
TOTAL	ELECTRIC WIRE & POWER DISTRIBUTION EQUIP	759,550	628,713	774,394	782,323
LIGHTING FIXTURES AND LAMPS					
6210	ELECTRIC LIGHTING FIXTURES-INDOOR, OUTDOOR	18,590	11,015	9,838	15,020
6220	ELECTRIC VEHICULAR LIGHTS AND FIXTURES	14,546	25,003	20,105	21,625
6230	ELECTRIC PORTABLE & HAND LIGHTING EQUIP	33,287	8,423	14,505	24,471
6240	ELECTRIC LAMPS	8,599	13,109	21,861	21,755
6250	BALLASTS, LAMP HOLDERS AND STARTERS	1,659	1,070	1,329	1,490
6260	NONELECTRICAL LIGHTING FIXTURES	11,623	7,414	6,328	9,561
TOTAL	LIGHTING FIXTURES AND LAMPS	88,304	66,034	73,966	93,922
ALARM AND SIGNAL SYSTEMS					
6310	TRAFFIC AND TRANSIT SIGNAL SYSTEMS	648	401	113	0
6320	SHIPBOARD ALARM AND SIGNAL SYSTEMS	3,083	5,976	4,313	2,864
6330	RAILROAD SIGNAL AND WARNING DEVICES	80	163	0	63
6340	AIRCRAFT ALARM AND SIGNAL SYSTEMS	8,801	4,225	3,155	8,668
6350	MISC ALARM, SIGNAL AND SECURITY SYSTEMS	74,166	42,296	45,692	39,748
TOTAL	ALARM AND SIGNAL SYSTEMS	86,778	53,061	53,273	51,343
MEDICAL, DENTAL, & VETERINARY EQ & SUP					
6505	DRUGS, BIOLOGICALS	267,344	265,213	357,281	291,771
6506	BLOOD	0	60	0	0
6508	MEDICATED COSMETICS AND TOILETRIES	0	414	909	328
6510	SURGICAL DRESSING MATERIALS	20,553	32,746	26,779	21,172
6515	MEDICAL & SURGICAL INSTRUMENTS EQUIP & SUP	98,845	107,542	79,043	87,263
6520	DENTAL INSTRUMENTS, EQUIP AND SUPPLIES	8,302	16,928	13,195	4,748
6525	X-RAY EQUIP & SUP; MEDICAL, DENTAL & VET	51,448	52,831	55,716	46,509
6530	HOSPITAL FURNITURE, EQUIP, UTENSILS & SUP	34,276	49,256	38,906	29,299
6532	HOSPITAL & SURGICAL CLOTHING	7,879	10,683	15,264	9,989
6540	OPHTHALMIC INSTRUMENTS, EQUIP & SUPPLIES	22,679	5,657	8,410	5,801
6545	MEDICAL SETS, KITS AND OUTFITS	7,557	9,777	8,030	14,967
6550	IN VITRO DIAGNOSTIC SUBSTANCES, REAGENTS	13,899	12,281	8,116	3,998
TOTAL	MEDICAL, DENTAL, & VETERINARY EQ & SUP	532,782	563,388	611,649	515,845
INSTRUMENTS AND LABORATORY EQUIPMENT					
6605	NAVIGATIONAL INSTRUMENTS	227,313	383,030	320,492	457,095
6610	FLIGHT INSTRUMENTS	42,144	118,970	141,042	166,703
6615	AUTOMATIC PILOT MECHANISMS AIRBORNE GYRO	99,236	108,589	158,759	219,558
6620	ENGINE INSTRUMENTS	38,332	60,575	47,194	80,825
6625	ELECTRICAL & ELCT MEAS & TEST INSTRUMENTS	503,765	535,672	585,025	593,258
6630	CHEMICAL ANALYSIS INSTRUMENTS	19,798	21,529	20,632	22,303
6635	PHYSICAL PROPERTIES TESTING EQUIPMENT	33,590	37,594	38,164	42,372
6636	ENVIRONMENTAL CHAMBERS AND RELATED EQUIP	22,005	16,864	10,718	6,955
6640	LABORATORY EQUIPMENT AND SUPPLIES	44,542	87,927	50,437	28,745
6645	TIME MEASURING INSTRUMENTS	10,495	11,754	41,736	10,064
6650	OPTICAL INSTRUMENTS	70,523	51,134	29,706	51,568
6655	GEOPHYSICAL INSTRUMENTS	2,788	6,386	1,623	3,796
6660	METEOROLOGICAL INSTRUMENTS AND APPARATUS	23,744	22,127	27,768	21,139
6665	HAZARD-DETECTING INSTRUMENTS & APPARATUS	43,951	49,997	75,163	67,859
6670	SCALES AND BALANCES	3,112	4,279	4,642	5,363
6675	DRAFTING, SURVEYING & MAPPING INSTRUMENTS	30,949	58,924	22,409	40,516
6680	FLOW, LEVEL, MOTION MEASURING INSTRUMENTS	53,896	53,182	30,321	32,684

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
INSTRUMENTS AND LABORATORY EQUIPMENT (CONT)					
6685	PRESSURE, TEMPERATURE & HUMIDITY INSTS	55,024	46,661	38,424	49,411
6695	COMBINATION & MISCELLANEOUS INSTRUMENTS	48,833	46,156	69,102	66,495
TOTAL	INSTRUMENTS AND LABORATORY EQUIPMENT	1,374,042	1,721,350	1,713,357	1,966,709
PHOTOGRAPHIC EQUIPMENT					
6710	CAMERAS, MOTION PICTURE	5,165	15,751	3,471	30,485
6720	CAMERAS, STILL PICTURE	5,118	33,119	42,349	5,956
6730	PHOTOGRAPHIC PROJECTION EQUIPMENT	6,478	7,539	6,799	7,014
6740	PHOTO DEVELOPING AND FINISHING EQUIP	10,817	16,969	14,576	13,437
6750	PHOTOGRAPHIC SUPPLIES	12,957	18,285	33,593	30,088
6760	PHOTOGRAPHIC EQUIPMENT AND ACCESSORIES	13,916	55,364	49,511	47,890
6770	FILM, PROCESSED	894	5,025	4,346	5,293
6780	PHOTOGRAPHIC SETS, KITS AND OUTFITS	7,861	5,177	4,744	13,733
TOTAL	PHOTOGRAPHIC EQUIPMENT	63,206	157,229	159,389	153,896
CHEMICALS AND CHEMICAL PRODUCTS					
6810	CHEMICALS	19,037	25,450	36,613	29,814
6820	DYES	1,533	7,533	2,670	3,244
6830	GASES, COMPRESSED AND LIQUEFIED	11,033	10,844	10,889	9,512
6840	PEST CONTROL AGENTS AND DISINFECTANTS	9,086	14,157	11,948	8,526
6850	MISCELLANEOUS CHEMICAL SPECIALTIES	30,453	30,501	33,742	34,090
TOTAL	CHEMICALS AND CHEMICAL PRODUCTS	71,142	88,485	95,862	85,186
TRAINING AIDS AND DEVICES					
6910	TRAINING AIDS	146,806	130,297	158,448	284,051
6920	ARMAMENT TRAINING DEVICES	113,998	180,175	286,311	234,453
6930	OPERATIONAL TRAINING DEVICES	359,048	615,294	531,804	813,345
6940	COMMUNICATION TRAINING DEVICES	44,143	17,099	30,278	43,811
TOTAL	TRAINING AIDS AND DEVICES	663,995	942,865	1,006,841	1,375,660
GENERAL PURPOSE ADP EQ SOFTWARE SUP & EQ					
7010	ADPE CONFIGURATION	1,197,347	1,490,894	1,382,865	1,097,880
7020	ADP CENTRAL PROCESSING UNIT - ANALOG	18,911	36,608	27,145	17,665
7021	ADP CENTRAL PROCESSING UNIT - DIGITAL	74,544	71,277	76,950	120,655
7022	ADP CENTRAL PROCESSING UNIT - HYBRID	13,202	8,111	2,268	4,670
7025	ADP INPUT/OUTPUT AND STORAGE DEVICES	288,360	414,408	250,836	323,047
7030	ADP SOFTWARE	153,427	178,466	97,671	97,643
7035	ADP SUPPORT EQUIP	230,884	336,438	298,875	353,241
7040	PUNCHED CARD EQUIP	2,871	4,361	2,236	4,435
7042	MINI & MICRO COMPUTER CONTROL DEVICES	68,994	45,747	33,826	26,891
7045	ADP SUPPLIES	118,823	102,108	65,507	94,994
7050	ADP COMPONENTS	192,675	333,143	299,449	182,594
TOTAL	GENERAL PURPOSE ADP EQ SOFTWARE SUP & EQ	2,360,038	3,021,559	2,537,628	2,323,715
FURNITURE					
7105	HOUSEHOLD FURNITURE	50,588	62,212	55,873	49,514
7110	OFFICE FURNITURE	109,908	153,992	96,907	72,311
7125	CABINETS, LOCKERS, BINS AND SHELVING	30,593	37,165	33,942	35,035
7195	MISCELLANEOUS FURNITURE AND FIXTURES	19,147	24,023	19,387	17,305
TOTAL	FURNITURE	210,236	277,392	206,109	174,165
HOUSEHOLD & COML FURNISHINGS & APPLIANCES					
7210	HOUSEHOLD FURNISHINGS	30,221	43,799	35,010	44,843
7220	FLOOR COVERINGS	11,311	14,558	13,085	11,900
7230	DRAPERIES, AWNINGS AND SHADES	6,828	6,297	6,746	6,638
7240	HOUSEHOLD AND COMMERCIAL UTIL CONTAINERS	3,512	4,748	2,413	3,744
7290	MISC HOUSEHOLD COML FURNISHINGS APPLIANCES	1,921	770	4,677	1,753
TOTAL	HOUSEHOLD & COML FURNISHINGS & APPLIANCES	53,793	70,172	61,931	68,878

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
FOOD PREPARATION AND SERVING EQUIPMENT					
7310	FOOD COOKING BAKING SERVING EQUIP	16,785	24,349	22,890	17,108
7320	KITCHEN EQUIPMENT AND APPLIANCES	8,433	13,410	14,093	17,220
7330	KITCHEN HAND TOOLS AND UTENSILS	14-	4,125	684	2,097
7340	CUTLERY AND FLATWARE	1,493	1,894	2,230	371
7350	TABLEWARE	4,410	2,781	3,679	2,180
7360	SETS, KITS & OUTFITS: FOOD PREP & SERVING	21,484	12,462	12,489	6,788
TOTAL	FOOD PREPARATION AND SERVING EQUIPMENT	52,591	59,021	56,065	45,764
OFFICE MACHINES & VISIBLE RECORD EQUIPMENT					
7420	ACCOUNTING AND CALCULATING MACHINES	3,827	796	611	361
7430	TYPEWRITERS & OFFICE TYPE COMPOSING MACH	1,907	4,133	6,132	13,144
7435	OFFICE INFORMATION SYSTEM EQUIPMENT	10,276	17,858	37,776	47,652
7450	OFFICE TYPE SOUND RECORDING REPRO MACH	1,989	2,501	2,230	3,473
7460	VISIBLE RECORD EQUIPMENT	7,428	7,675	7,867	5,035
7490	MISCELLANEOUS OFFICE MACHINES	6,679	8,185	7,849	9,540
TOTAL	OFFICE MACHINES & VISIBLE RECORD EQUIPMENT	32,106	41,148	62,465	79,205
OFFICE SUPPLIES AND DEVICES					
7510	OFFICE SUPPLIES	2,301	6,232	2,969	3,520
7520	OFFICE DEVICES AND ACCESSORIES	304	654	1,289	612
7530	STATIONERY AND RECORD FORMS	20,788	22,107	23,259	20,137
7540	STANDARD FORMS	56	46	185	200
TOTAL	OFFICE SUPPLIES AND DEVICES	23,429	29,039	27,702	24,469
BOOKS, MAPS AND OTHER PUBLICATIONS					
7610	BOOKS AND PAMPHLETS	15,323	18,984	17,852	18,270
7630	NEWSPAPERS AND PERIODICALS	5,614	3,611	4,783	6,910
7640	MAPS, ATLASES CHARTS AND GLOBES	7,497	4,324	6,899	7,603
7650	DRAWINGS AND SPECIFICATIONS	4,886	4,498	5,913	5,140
7670	MICROFILM PROCESSED	4,533	5,051	2,202	1,552
7690	MISCELLANEOUS PRINTED MATTER	134,948	81,955	58,786	200,256
TOTAL	BOOKS, MAPS AND OTHER PUBLICATIONS	172,801	116,423	96,435	239,731
MUSICAL INST, PHONOGRAPHS, HOME TYPE RADIO					
7710	MUSICAL INSTRUMENTS	954	370	314	631
7720	MUSICAL INSTRUMENT PARTS AND ACCESSORIES	144	241	101	162
7730	PHONOGRAPHS, RADIOS, TV SETS: HOME TYPE	633	1,495	747	883
7740	PHONOGRAPH RECORDS	230	662	628	1,056
TOTAL	MUSICAL INST, PHONOGRAPHS, HOME TYPE RADIO	1,961	2,768	1,790	2,732
RECREATIONAL AND ATHLETIC EQUIPMENT					
7810	ATHLETIC AND SPORTING EQUIPMENT	1,335	3,070	1,644	1,937
7820	GAMES, TOYS AND WHEELED GOODS	324	454	269	380
7830	RECREATIONAL AND GYMNASIAC EQUIPMENT	4,255	6,225	2,390	3,790
TOTAL	RECREATIONAL AND ATHLETIC EQUIPMENT	5,914	9,749	4,303	6,107
CLEANING EQUIPMENT AND SUPPLIES					
7910	FLOOR POLISHERS AND VACUUM CLEANERS	1,022	1,550	1,357	902
7920	BROOMS, BRUSHES, MOPS AND SPONGES	759	1,186	1,643	1,691
7930	CLEANING & POLISHING COMPOUNDS & PREPS	34,141	30,820	31,679	30,290
TOTAL	CLEANING EQUIPMENT AND SUPPLIES	35,922	33,556	34,679	32,883
BRUSHES, PAINTS, SEALERS AND ADHESIVES					
8010	PAINTS, DOPES, VARNISHES & RELATED PRODUCT	4,677	7,031	12,152	5,123

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
BRUSHES, PAINTS, SEALERS AND ADHESIVES (CONT)					
8020	PAINT AND ARTISTS' BRUSHES	29	186	0	0
8030	PRESERVATIVE AND SEALING COMPOUNDS	881	1,030	780	2,485
8040	ADHESIVES	435	410	421	626
TOTAL	BRUSHES, PAINTS, SEALERS AND ADHESIVES	6,022	8,657	13,353	8,234
CONTAINERS, PACKAGING & PACKING SUPPLIES					
8105	BAGS AND SACKS	6,961	11,186	6,457	11,587
8110	DRUMS AND CANS	7,029	16,964	10,408	8,984
8115	BOXES, CARTONS AND CRATES	19,998	3,450	3,843	6,900
8120	COMMERCIAL & INDUSTRIAL GAS CYLINDERS	3,786	3,507	7,051	4,609
8125	BOTTLES AND JARS	145	127	3,236	905
8130	REELS AND SPOOLS	705	860	356	314
8135	PACKAGING AND PACKING BULK MATERIALS	5,630	5,283	5,262	5,318
8140	AMMUNITION & NUCLEAR ORDNANCE CONTAINERS	27,957	52,708	74,627	74,176
8145	SPECIALIZED SHIPPING & STORAGE CONTAINERS	93,051	72,153	47,231	73,383
TOTAL	CONTAINERS, PACKAGING & PACKING SUPPLIES	165,262	166,238	158,471	186,176
TEX/LTHR/FURS/APPAREL/FINDINGS/TENTS/FLAGS					
8305	TEXTILE FABRICS	105,184	169,867	163,295	68,970
8310	YARN AND THREAD	41	0	96	145
8315	NOTIONS AND APPAREL FINDINGS	1,605	2,844	4,579	2,801
8320	PADDING AND STUFFING MATERIALS	0	39	156	393
8330	LEATHER	0	35	283	271
8335	SHOE FINDINGS AND SOLING MATERIALS	265	112	706	401
8340	TENTS AND TARPAULINS	69,397	84,892	79,569	96,792
8345	FLAGS AND PENNANTS	3,320	4,308	3,311	4,064
TOTAL	TEX/LTHR/FURS/APPAREL/FINDINGS/TENTS/FLAGS	179,812	262,095	251,683	173,837
CLOTHING, INDIVIDUAL EQUIPMENT & INSIGNIA					
8405	OUTERWEAR, MEN'S	218,183	186,172	154,837	117,082
8410	OUTERWEAR, WOMEN'S	34,930	42,804	21,383	16,302
8415	CLOTHING, SPECIAL PURPOSE	345,712	330,697	383,194	408,561
8420	UNDERWEAR AND NIGHTWEAR, MEN'S	55,838	11,853	36,872	23,093
8425	UNDERWEAR AND NIGHTWEAR, WOMEN'S	0	0	0	81
8430	FOOTWEAR, MEN'S	159,895	114,728	121,615	178,294
8435	FOOTWEAR, WOMEN'S	5,405	2,185	1,677	1,556
8440	HOSIERY, HANDWEAR & CLOTHING ACCY, MEN'S	22,369	28,203	33,887	30,431
8445	HOSIERY HANDWEAR & CLOTHING ACCY, WOMEN'S	3,467	2,566	1,418	2,536
8450	CHILDREN'S & INFANT'S APPAREL & ACCY	17,086	23,374	16,091	10,745
8455	BADGES AND INSIGNIA	8,216	7,245	8,312	20,352
8460	LUGGAGE	7,145	10,469	5,468	7,237
8465	INDIVIDUAL EQUIPMENT	66,978	65,402	94,813	68,487
8470	ARMOR, PERSONAL	71,591	69,999	55,850	84,197
8475	SPECIALIZED FLIGHT CLOTHING & ACCESSORIES	32,443	14,864	26,734	9,463
TOTAL	CLOTHING, INDIVIDUAL EQUIPMENT & INSIGNIA	1,049,258	910,341	962,151	978,417
TOILETRIES					
8510	PERFUMES, TOILET PREPARATIONS AND POWDERS	16,591	10,495	9,733	5,783
8520	TOILET SOAP, SHAVING PREP, DENTIFRICES	3,921	5,793	6,448	7,624
8530	PERSONAL TOILETRY ARTICLES	2,708	3,353	3,142	3,582
8540	TOILETRY PAPER PRODUCTS	13,216	15,410	13,489	16,316
TOTAL	TOILETRIES	36,436	35,051	32,812	33,305
AGRICULTURAL SUPPLIES					
8710	FORAGE AND FEED	12,001	9,163	8,705	3,936
8720	FERTILIZERS	64	393	499	518
8730	SEEDS AND NURSERY STOCK	391	592	678	495
TOTAL	AGRICULTURAL SUPPLIES	12,456	10,148	9,882	4,949

# TABLE C2. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
LIVE ANIMALS					
8810	LIVE ANIMALS RAISED FOR FOOD	204	0	0	0
8820	LIVE ANIMALS NOT RAISED FOR FOOD	611	788	541	754
TOTAL	LIVE ANIMALS	815	788	541	754
SUBSISTENCE					
8905	MEAT, POULTRY AND FISH	480,131	426,587	469,962	406,895
8910	DAIRY FOODS AND EGGS	124,871	127,073	117,483	119,835
8915	FRUITS AND VEGETABLES	151,138	128,607	140,755	134,874
8920	BAKERY AND CEREAL PRODUCTS	135,905	106,029	118,950	89,087
8925	SUGAR, CONFECTIONERY AND NUTS	48,107	44,221	47,776	36,002
8930	JAMS, JELLIES AND PRESERVES	11,623	8,425	8,844	6,698
8935	SOUPS AND BOUILLONS	8,062	13,013	10,702	8,620
8940	SPECIAL DIETARY FOODS & SPECIALTY PREP	148,709	132,167	124,851	66,830
8945	FOOD, OILS AND FATS	12,745	11,882	13,777	21,679
8950	CONDIMENTS AND RELATED PRODUCTS	39,489	39,412	43,893	34,403
8955	COFFEE, TEA AND COCOA	26,118	47,387	50,947	49,353
8960	BEVERAGES, NONALCOHOLIC	20,281	25,682	22,542	26,760
8965	BEVERAGES, ALCOHOLIC	0	25	28	57
8970	COMPOSITE FOOD PACKAGES	61,976	76,333	106,100	28,985
8975	TOBACCO PRODUCTS	94,631	92,377	78,780	68,889
8999	FOOD ITEMS FOR RESALE	92,939	73,391	59,851	52,194
TOTAL	SUBSISTENCE	1,456,723	1,352,611	1,415,241	1,151,141
FUELS, LUBRICANTS, OILS AND WAXES					
9110	FUELS, SOLID	76,065	83,570	126,204	108,605
9130	LIQUID PROPELLANTS & FUEL, PETROLEUM BASE	3,522,114	3,150,244	6,438,906	5,094,784
9135	LIQUID PROPELLANT FUELS, CHEMICAL BASE	42,133	45,824	95,442	61,223
9140	FUEL OILS	834,216	931,591	2,795,791	3,036,126
9150	OILS & GREASES: CUTTING, LUBR & HYDRAULIC	67,497	102,623	80,419	283,741
9160	MISCELLANEOUS WAXES, OILS AND FATS	606	4,905	2,996	1,653
TOTAL	FUELS, LUBRICANTS, OILS AND WAXES	4,542,631	4,318,757	9,539,758	8,586,132
NONMETALLIC FABRICATED MATERIALS					
9310	PAPER AND PAPERBOARD	3,121	4,542	5,465	7,036
9320	RUBBER FABRICATED MATERIALS	12,814	3,581	1,681	1,328
9330	PLASTICS FABRICATED MATERIALS	19,952	12,428	16,368	15,016
9340	GLASS FABRICATED MATERIALS	1,083	1,451	2,438	1,886
9350	REFRACTORIES & FIRE SURFACING MATERIALS	173	379	772	476
9390	MISC FABRICATED NONMETALLIC MATERIALS	3,485	6,426	6,048	4,231
TOTAL	NONMETALLIC FABRICATED MATERIALS	40,628	28,807	32,772	29,973
NONMETALLIC CRUDE MATERIALS					
9410	CRUDE GRADES OF PLANT MATERIALS	33	0	0	387
9440	MISC CRUDE AGRICULTURAL & FORESTRY PROD	0	27	0	0
9450	NONMETALLIC SCRAP, EXCEPT TEXTILE	0	0	33	455
TOTAL	NONMETALLIC CRUDE MATERIALS	33	27	33	842
METAL BARS, SHEETS AND SHAPES					
9505	WIRE, NONELECTRICAL, IRON AND STEEL	3,067	1,034	798	1,033
9510	BARs AND RODs, IRON AND STEEL	3,613	4,293	5,364	4,690
9515	PLATE, SHEET, STRIP & FOIL: IRON AND STEEL	24,672	41,283	27,104	28,867
9520	STRUCTURAL SHAPES, IRON AND STEEL	5,468	4,717	5,521	10,148
9525	WIRE, NONELECTRICAL, NONFERROUS BASE METAL	218	637	252	510
9530	BARs AND RODs, NONFERROUS BASE METAL	4,005	2,599	7,090	7,583
9535	PLATE SHEET STRIP FOIL: NONFERROUS METAL	18,527	13,882	22,106	20,291
9540	STRUCTURAL SHAPES, NONFERROUS BASE METAL	2,623	2,127	1,484	3,296
9545	PLATE SHEET STRIP & WIRE: PRECIOUS METAL	82	110	82	115
TOTAL	METAL BARS, SHEETS AND SHAPES	62,275	70,682	69,801	76,533

# TABLE C2. Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1988	1987	1986	1985
	ORES, MINERALS, AND THEIR PRIMARY PRODUCTS				
9610	ORES	252	237	37	218
9620	MINERALS, NATURAL AND SYNTHETIC	3,180	2,059	430	1,117
9630	ADDITIVE METAL MATERIALS & MASTER ALLOYS	164	342	312	228
9640	IRON & STEEL PRIMARY & SEMIFINISHED PROD	4,121	1,838	1,650	2,320
9650	NONFERROUS BASE METAL REFINERY	3,077	586	1,947	3,084
9660	PRECIOUS METALS PRIMARY FORMS	162	74	145	472
TOTAL	ORES, MINERALS, AND THEIR PRIMARY PRODUCTS	10,956	5,136	4,521	7,439
	MISCELLANEOUS				
9905	SIGNS, ADVERTIZING DISPLAYS, IDENT PLATES	1,631	5,316	3,708	4,516
9910	JEWELRY	27	96	0	97
9915	COLLECTORS AND/OR HISTORICAL ITEMS	110	0	0	44
9920	SMOKERS' ARTICLES AND MATCHES	679	99	251	242
9925	ECCLESIASTICAL EQUIP, FURNISHINGS & SUP	289	357	148	432
9930	MEMORIALS; CEMETERIAL & MORTUARY EQ & SUP	269	2,960	1,791	369
9998	NONFOOD ITEMS FOR RESALE	36,226	21,852	36,390	21,128
9999	MISCELLANEOUS ITEMS	2,891,522	565,131	435,341	318,399
TOTAL	MISCELLANEOUS	2,930,753	595,811	477,629	345,227
	TOTAL SUPPLIES AND EQUIPMENT	78,524,948	82,615,425	91,442,265	97,302,700



# LIST OF ABBREVIATIONS

The following abbreviations are used in this publication:

A&E	Architect and Engineer	MACH	Machine
AC	Air Conditioning	MAINT	Maintenance
ACCY	Accessory	MAP	Mapping
ACFT	Aircraft	MAT	Material
ADMIN	Administration	MEAS	Measure
ADP	Automatic Data Processing	MECH	Mechanical
ALTER	Alteration	MFG	Manufacturing
AMMO	Ammunition	MGMT	Management
ASSY	Assembly	MISC,MSL	Miscellaneous
		MM	Millimeter
BLDG(S)	Building	MSL	Missile
BTWN	Between		
		NAV	Navigational
CFT	Craft	NBS	Non-Building Structures
COML	Commercial	NUCL	Nuclear
COMM	Communications		
COMP(S)	Component	OPER	Operation
CONST	Construction	ORD	Ordinance
CONT	Continued		
CYC(S)	Cycle	PHOTO	Photographic
		PREFAB	Prefabrication
DEV	Development	PREP	Preparation
DLVRY	Delivery	PROD	Products
DR	Driven	PROF	Professional
DV	Device	PROP	Property
		PROPUL	Propulsion
ELCT	Electronic	PUB	Publication
ENG	Engine		
ENGR	Engineer	R&D	Research & Development
ENVIRON	Environment	REAC	Reactor
EPG	Electric Power Generation	RECR	Recreation
EQ,EQUIP	Equipment	REL	Related
EX	Except	REP	Representative
EXCL	Exclude	REPR	Repair
EXPLO	Explosive	REPRO	Reproduction
FAB	Fabricated	SEC	Security
FAC	Facilities	SECD	Secondary
FLTG	Floating	SML	Small
		SP	Space
GBL	Government Bill of Lading	SPEC	Special
GND	Ground	STA	Station
GOCO	Government Owned, Contractor Operated	STR	Structures
GOGO	Government Owned, Government Operated	SUP	Supply
GOVT	Government	SURG	Surgical
GTR	Government Travel Request	SV,SVC	Service
		SYS	System
HOSP	Hospital		
HWY(S)	Highway	TECH	Technical
		TEX	Textile
INCL	Including	TRANS	Transmission
INST	Instrument	TRKS	Trucks
INTRCNG	Interchangeable		
		UN	Unit
LAB	Laboratory	UNDWTR	Underwater
LANG	Language	UTIL	Utility
LDG	Landing		
LTHR	Leather	VEH	Vehicle
LUBR	Lubricants	VET	Veterinary
		WPN	Weapon